

Figure 1:
% of human sera with neutralising capacity for human adenovirus (n=100)

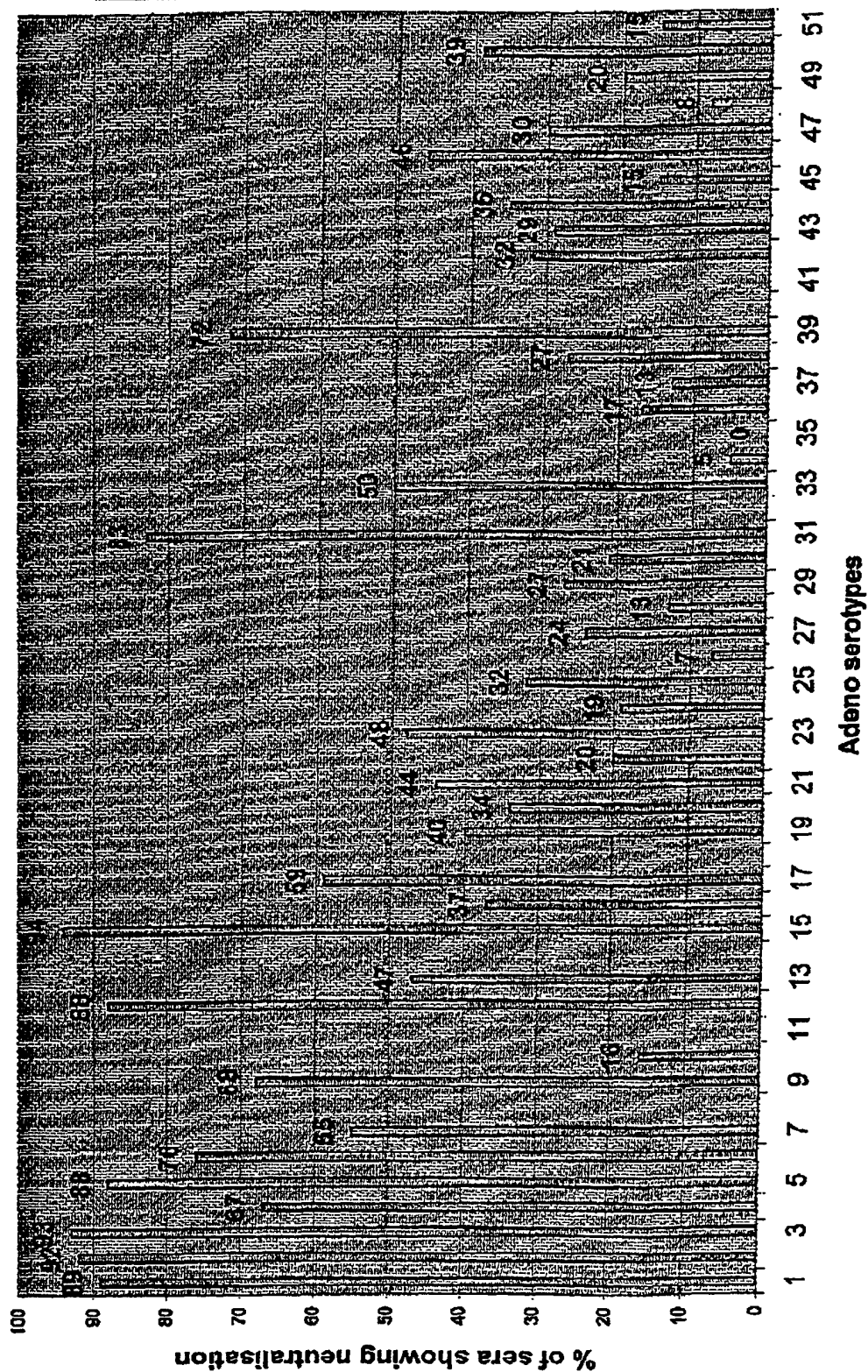


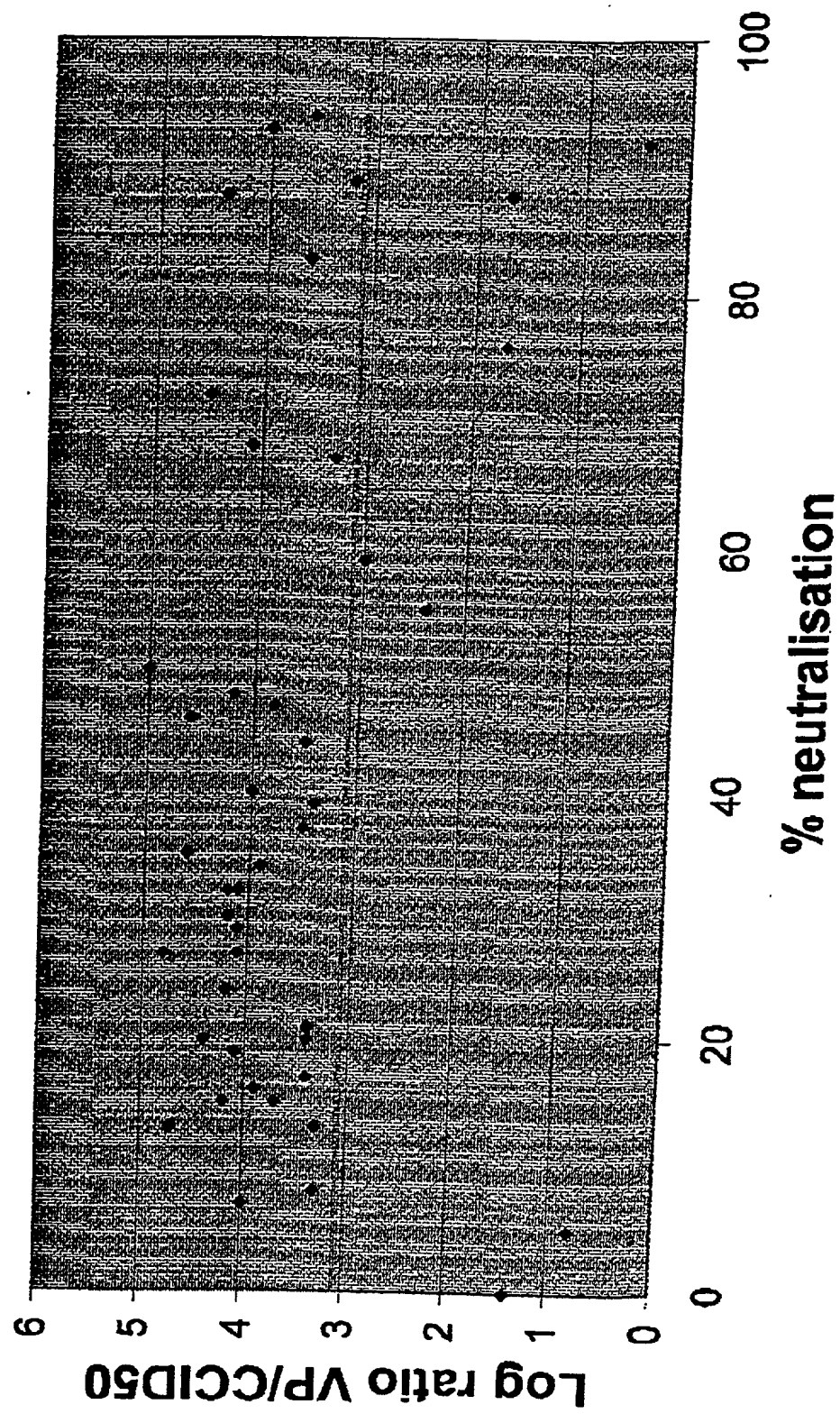
Figure 2

Figure 3

Neutralisation in human sera

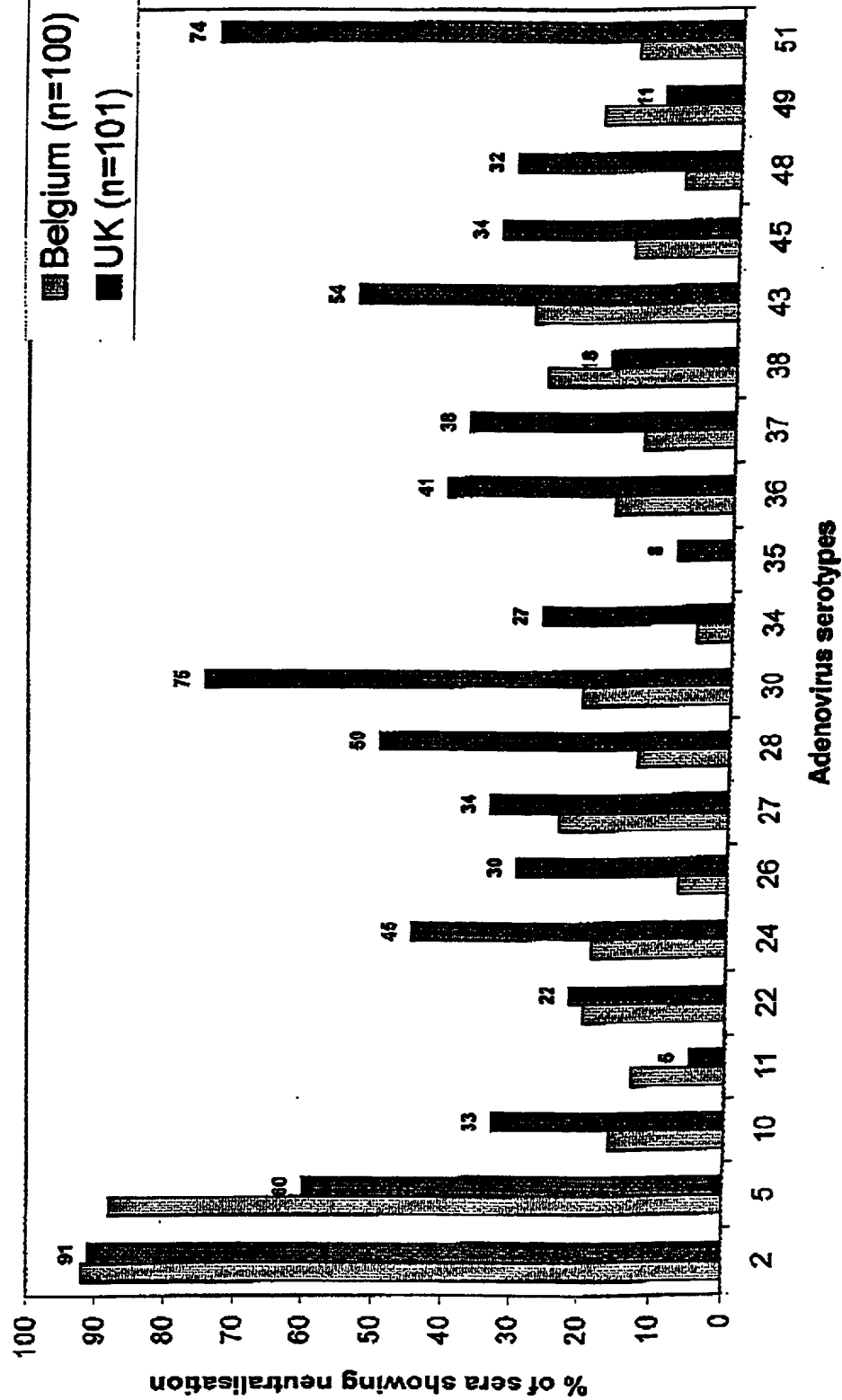


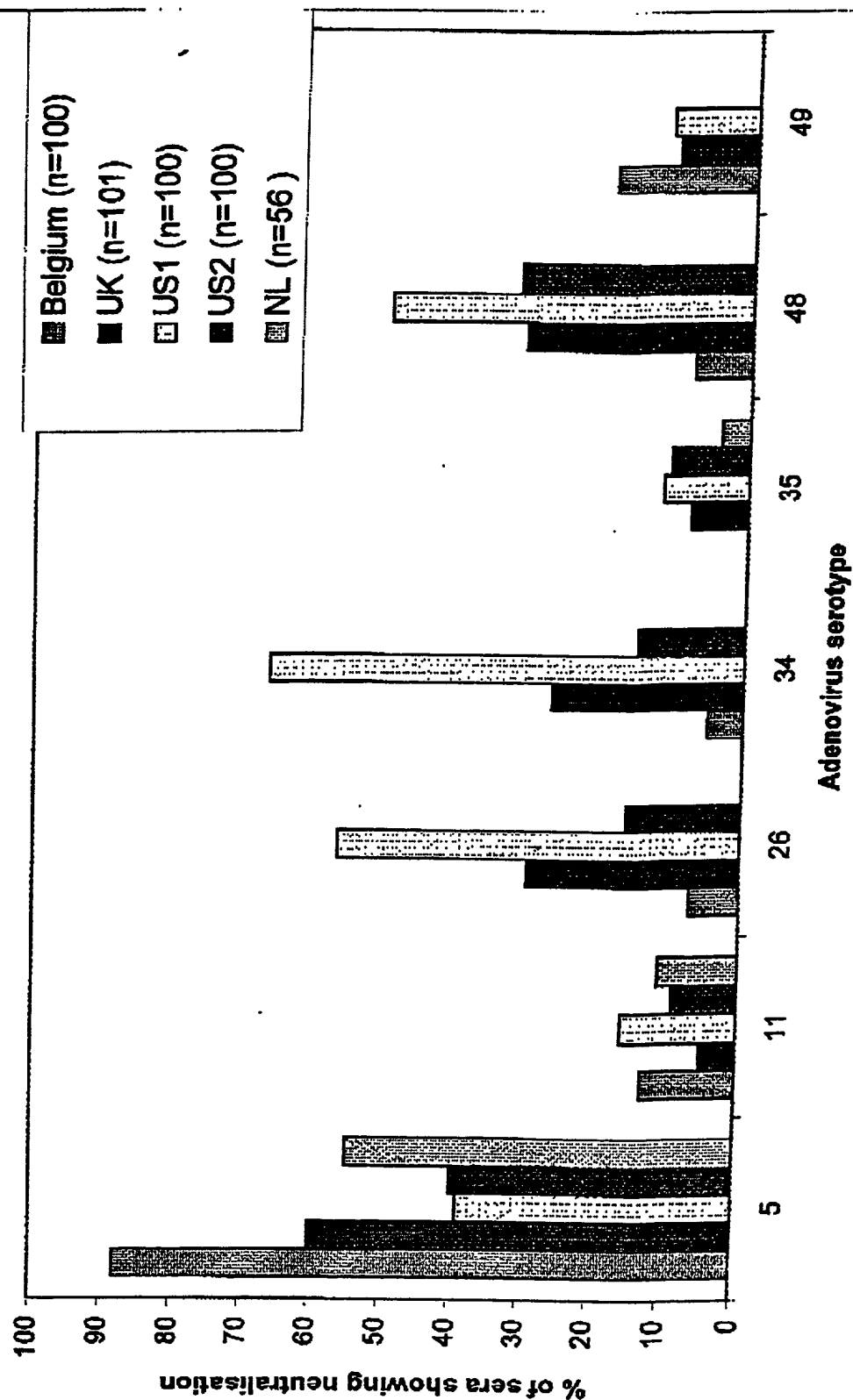
Figure 4**Neutralisation in human sera from different geographic locations**

Figure 5: Total sequence of Ad35.

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211 CTACTTAGTT TTCCACGGT ATTTAACAGG AAATGAGGTA GTTTTGACCG GATGCAAGTG AAAATTGCTG
281 ATTTTCGCGC GAAAACTGAA TGAGGAAGTG TTTTCTGAA TAATGTGGTA TTTATGGCAG GGTGGAGTAT
351 TTGTTCCAGG CCAGGTAGAC TTTGACCCAT TACGTGGAGG TTTGATTAC CGTGTTTTTT ACCTGAATTT
421 CCGCGTACCG TGTCAAAGTC TTCTGTTTTT ACGTAGGTGT CAGCTGATCG CTAGGGTATT TATACCTCAG
491 GGTGTTGTGC AAGAGGCCAC TCTTGAGTGC CAGCGAGAAG AGTTTTCTCC TCTGCGCCGG CAGTTTAATA
561 ATAAAAAAT GAGAGATTTG CGATTTCTGC CTCAGGAAAT AATCTCTGCT GAGACTGGAA ATGAAATATT
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701 CTTCAGGAAC TGTATGATTT AGAGGTAGAG GGATCGGAGG ATTCTAATGA GGAAGCTGTG AATGGCTTTT
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841 TCCAGGGGTG ATTGTGGAAG GCGGTACAGG TGTAAAGAAA TTACCTGATT TGAGTTCCTG GGACTGTGAT
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17361	ACTCTGACAC	TCCTGGTCTT	GTGACTATGT	TTTTCTTAGAG	ATGGAAGACA	TCAAATTTTTC	ATCCTTGGCT
17431	CCGCGACACG	GCACGAAGCC	GTACATGGGC	ACCTGGAGCG	ACATCGGCAC	GAGCCAACTG	AACGGGGGCG
17501	CCTTCAATTG	GAGCAGTATC	TGGAGCGGGC	TTAAAAATTT	TGGCTCAACC	ATAAAAAACAT	ACGGGAACAA
17571	AGCTTGGAAG	AGCAGTACAG	GACAGGCGCT	TAGAAATAAA	CTTAAAGACC	AGAACTTCCA	ACAAAAAGTA
17641	GTGATGGGA	TAGCTTCCGG	CATCAATGGA	GTGGTAGATT	TGGCTAACCA	GGCTGTGCG	AAAAAGATAA
17711	ACAGTCGTTT	GGACCCGCCQ	CCAGCAACCC	CAGGTGAAAT	GCAAGTGGAG	GAGAAGATTTC	CTCCGCCAGA
17781	AAAACGAGGC	GACAAGCGTC	CGCGTCCCGA	TTTGAAGAG	ACGCTGGTGA	CGCGCGTAGA	TGAACCCGCT
17851	TCTTATGAGG	AAGCAACGAA	GCTTGGAAATG	CCCACCACTA	GACCGATAGC	CCCAATGGCC	ACCGGGGTGA
17921	TGAAACCTTC	TCAGTTGCAT	CGACCCGTCA	CCTTGGATTT	GCCCCCTCCC	CCTGCTGCTA	CTGCTGTACC
17991	CGCTTCTAAG	CCTGTGCGTG	CCCCGAAACC	AGTCGCCGTA	GCCAGGTCAC	GTCCCGGGGG	CGCTCCTCGT
18061	CCAAATGCGC	ACTGGCAAAA	TACTCTGAAC	AGCATCGTGG	GTCTAGGCGT	GCAAAAGTGA	AAACCGCGTC
18131	GCTGCTTTTA	ATTAATAATG	GAGTAGCGCT	TAACCTGGCT	ATCTGTGTAT	ATGTGTCTAT	ACACGCCGTC
18201	ACAGCAGCAG	AGGAAAAAAG	GAAGAGGTG	TGCGTCGACG	CTGAGTTACT	TTCAAGATGG	CCACCCCATC
18271	GATGCTGCCC	CAATGGGCAT	ACATGCACAT	CGCGGGACAG	GATGCTTCGG	AGTACCTGAG	TCCGGGTCTG
18341	GTGCACTTCG	CCCGCGCCAC	AGACACCTAC	TTCAATCTGG	GAAATAAGTT	TAGAAATCCC	ACCGTAGCGC
18411	CGACCCACG	TGTGACCACC	GACCGTAGCC	AGCGGCTCAT	GTTCGCTTTC	GTGCGCGTTG	ACCGGGAGGA
18481	CAATACATAC	TCTTACAAAG	TGCGGTACAC	CCTGGCCGTG	GGCGACAACA	GAGTGTGGTA	TATGGCCAGC
18551	ACGTTCTTTG	ACATTAGGGG	CGTGTTCGAC	AGAGGTCCCA	GTTTCAAACC	CTATTCTGGT	ACGGCTTACA
18621	ACTCTCTGGC	TCCTAAAGGC	GCTCCAAATG	CATCTCAATG	GATTGCAAAA	GGCGTACCAA	CTGCAGCAGC
18691	CGCAGGCAAT	GGTGAAGAA	AACATGAAAC	AGAGGAGAAA	ACTGCTACTT	ACACTTTTGC	CAATGCTCCT
18761	GTAAGAGCCG	AGGCTCAAAT	TACAAAAAG	GGCTTACCAA	TAGGTTTGGTA	GATTTACAGT	GAAAACGAAT
18831	CTAAACCCAT	CTATGCAGAT	AAACTTTATC	AGCCGAAACC	TCAAGTGGGA	GATGAAACTT	GGACTGACCT
18901	AGACGGAAAA	ACCGAAGAGT	ATGGAGGCGAG	GGCTCTAAAG	CCTACTACTA	ACATGAAACC	CTGTTACGGG
18971	TCCTATGCGA	AGCCTACTAA	TTTAAAAGGT	GGTCAGGCAA	AACCGAAAAA	CTCGGAACCG	TCGAGTGAAA
19041	AAATTGAATA	TGATATTGAC	ATGGAATTTT	TTGATAACTC	ATCGCAAAGA	ACAAACTTCA	GTCTTAAAT
19111	TGTCATGTAT	GCAGAAATA	TAGGTTTGGTA	AACGCCAGAC	ACTCATGTAG	TGTACAAACC	TGGAACAGAA
19181	GACACAAGTT	CCGAAGCTAA	TTTGGGACAA	CAGTCTATGC	CCAACAGACC	CAACTACATT	GGCTTCAGAG
19251	ATAACTTTAT	TGGACTCATG	TACTATAACA	GTACTGGTAA	CATGGGGGTG	CTGGCTGGTC	AAGCGTCTCA
19321	GTTAAATGCA	GTGGTTGACT	TGCAGGACAG	AAACACAGAA	CTTTCTTACC	AACTCTTGCT	TGACTCTCTG
19391	GGCGACAGAA	CCAGATACTT	TAGCATGTGG	AATCAGGCTG	TGGACAGTTA	TGATCCTGAT	GTACGTGTTA
19461	TTGAAAATCA	TGGT					

20161 GAATGACACC AATGATCAGT CATTCAACGA CTACCTATCT GCAGCTAACA TGCTCTACCC CATTCTTGCC
20231 AATGCAACCA ATATTCCCAT TTCCATTCTT TCTCGCAACT GGGCGGCTTT CAGAGGCTGG TCATTTACCA
20301 GACTGAAAAC CAAAGAACT CCTCTTTGG GGTCTGGATT TGACCCCTAC TTTGTCTATT CTGGTTCTAT
20371 TCCCTACCTG GATGGTACCT TCTACCTGAA CCACACTTTT AAGAAGGTTT CCATCATGTT TGACTCTTCA
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20511 AAGGCTACAA CGTAGCCCAA TGCAACATGA CCAAAGACTG GTTCTTGGTA TACAGACTTG CAGATGCTCG
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20721 AACACAACAA CTCTGGCTTT GTGGGTACA TGGCTCCGAC CATGCGCCAA GGTCACCCT ATCCCGCTAA
20791 CTATCCCTAT CCACTCATTG GAACAACCTG CGTAAATAGT GTTACGCAGA AAAAGTTCTT GTGTGACAGA
20861 ACCATGTGGC GCATACCGTT CTCGAGCAAC TTCAATGTCTA TGGGGGCCCT TACAGACTTG GGACAGAATA
20931 TGCTCTATGC CAACTCAGCT CATGCTCTGG ACATGACCTT TGAGGTGGAT CCCATGGATG AGCCACCCT
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21071 GTCTACCTGC GTACACCGTT CTCGGCCGGT AACGCTACCA CGTAAGAAGC TTCTTGCTTC TTGCAAATAG
21141 CAGCTGCAAC CATGGCCTGC GGATCCCAA ACGGCTCCAG CGAGCAAGAG CTCAGAGCCA TTGTCCAAGA
21211 CCTGGGTTCG GGACCCTATT TTTTGGGAAC CTACGATAAG CGCTTCCCGG GGTTCATGGC CCCCATAAG
21281 CTGCGCTGTG CATTGTAAA TACGGCCGGA CGTAAATAGT GGGGAGAGCA GTGGTTGGCT TTCGGTTGGA
21351 ACCCAGCTTC TAACACCTGC TACCTTTTTG ATCTTTTGG ATTCTCGGAT CATCGTCTCA AACAGATTTA
21421 CCAGTTTGAA TATGAGGGTC TCCTGCGCCG CAGCGCTCTT GCTACCAAGG ACCGCTGTAT TACGCTGGAA
21491 AAATCTACCC AGACCGTGCA GGGCCCCCGT TCTGCCGCTT GCGGACTTTT CTGCTGCATG TTCCTTCACG
21561 CCTTTGTGCA CTGGCCTGAC CGTCCCATGG ACGGAAACCC CACCATGAAA TTGCTAACTG GAGTGCCAAA
21631 CAACATGCTT CATTCTCCTA AAGTCCAGCC CACCTCTGTG GACAATCAA AAGCACTCTA CCATTTTCTT
21701 AATACCCATT CGCCTTATTT TCGCTCTCAT CGTACACACA TCGAAAGGC CACTGCGTTC GACCGTATGG
21771 ATGTTCAATA ATGACTCATG TAAACAACGT GTTCAATAAA CATCACTTTA TTTTTTTACA TGTATCAAGG
21841 CTCTGGATTA CTTATTTATT TACAAGTCGA ATGGGTTCTG ACGAGAATCA GAATGACCCG CAGGCAGTGA
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21981 GGCAGGATGT CACTCCACAG CTTTCTGGTC AGCTGCAAG CTCCAAGCAG GTCAGGAGCC GAAATCTTGA
22051 AATCACAATT AGGACCAGTG CTCTGAGCGC GAGAGTTGCG GTACACCGGA TTGCAGCACT GAAACACCAT
22121 CAGCGACGGA TGTCTCACGC TTGCCAGCAC GGTGGGATCT GCAATCATGC CCACATCCAG ATCTTCAGCA
22191 TTGGCAATGC TGAACGGGGT CATCTTGCAG GTCTGCCTAC CCATGGCGGG CACCCAATTA GGCTTGTGGT
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22401 CTGCTCGAAA ACTGTTAGC TGCACAGCCG GCATCATTCA CACAGCAGCG GCGCTCATTT TTGGCTATTT
22471 GCACCACACT TCTGCCCCAG CGGTTTTGGG TGATTTTGGT TCGCTCGGGA TTCTCTTTA AGGCTCGTTG
22541 TCCGTTCTCG CTGGCCACAT CCATCTCGAT AATCTGCTCC TTCTGAATCA TAATATTGCC ATGCAGGCAC
22611 TTCAGCTTGC CCTCATAATC ATTGCAGCCA TGAGGCCACA ACGCACAGCC TGTACATTCC CAATTATGGT
22681 GGGCGATCTG AGAAAAAGAA TGTATCATTC CCGTCAGAAA TCTTCCCATC ATCGTGCTCA GTGTCTTGTG
22751 ACTAGTGAAG GTTAACGTGA TGCTTCGGTG CTCTTCGTTT ACGTACTGGT CTTGTATTGT CTTGTATTGT
22821 TCGTGTGCT CAGGCATTAG TTTAAAACAG GTTCTAAGTT CGTTATCCAG CCTGTACTTC TCCATGCA
22891 GACACATCAC TTCCATGCCT TTCTCCCAAG CAGACACCAG GGGCAAGCTA ATCGGATTCT TAACAGTGCA
22961 GGCAGCAGCT CCTTTAGCCA GAGGGTCACT TTTAGCGATC TTCTCAATGC TTCTTTTGGC ATCTTCTCA
23031 ACGATGCGCA CGGGCGGGTA GCTGAAACCC ACTGCTACAA GTTGCGCCTC TTCTCTTCT TCTTCGCTGT
23101 CTTGACTGAT GTCTTGCAAT GGGATATGTT TGGTCTTCTT TGGGTTCTTT TTGGGGGGTA TCGGAGGAGG
23171 AGGACTGTG CTCCGTTCCG GAGACAGGGA GGATTGTGAC GTTTCGCTCA CCATTACCAA CTGACTGTG
23241 GTAGAAGAAC CTGACCCAC ACGGCGACAG GTGTTTTTCT TCGGGGGCAG AGGTGGAGGC GATTGCGAAG
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23381 GCGGTCGCTT AACTGATTTT CTTGCGGGCT GGCCATTGTG TTCTCCTAGG CAGAGAAACA ACAGACATGG
23451 AAAGTACGCC ATTGCTGTCA ACATCGCCAC GAGTGCCATC ACATCTCGTC CTCAGCGACG AGGAAAAGGA
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23591 TCTCATGACA TGCAGAATAA AAAAGCGAAA GAGTCTGAGA CAGACATCGA GCAAGACCCG GGCTATGTGA
23661 CACCGGTGGA ACACGAGGAA GAGTTGAAAC GCTTTCTAGA GAGAGAGGAT GAAAACTGCC CAAAACAGCG
23731 AGCAGATAAC TATCACCAAG ATGCTGGAAA TAGGGATCAG AACACCGACT ACCTCATAGG GCTIGACGGG
23801 GAAGACGCGC TCCTTAAACA TCTAGCAAGA CAGTCTGCTA TAGTCAAGGA TGCATTATTG GACAGAAGTG
23871 AAGTGCCCAT CAGTGTGGAA GAGCTCAGCT CGGCTACGA GCTTAACTTT TTTTCACTTC GTACTCCCCC
23941 CAAACGTCAG CCAAACGGCA CCTGCGAGCC AAATCTCGC TTTAACTTTT ATCCAGCTTT TGCTGTGCCA
24011 GAAGTACTGG CTACCTATCA CATCTTTTTT AAAAATCAAA AAATTCAGT CTCTGCTCGC GCTAATCGCA
24081 CCCGCGCCGA TGCCCTACTC AATCTGGGAC CTGGTTTACG CTTACCTGAT ATAGCTTCTT TGGAGAGGAT
24151 TCCAAAGATC TTCGAGGGTC TGGGCAATAA TGAGACTCGG GCCGCAAAAT CTCTGCAAAA GGGAGAAAAAT

24221	GGCATGGATG	AGCATCACAG	CGTTCTGGTG	GAATTGGAAG	GCGATAATGC	CAGACTCGCA	GTACTCAAGC
24291	GAAGCGTCTGA	GGTCACACAC	TTGCGATATC	CCGCTGTCAA	CTTGCCCCCT	AAAGTCATGA	CGGCGGTCTAT
24361	GGACCAGTTA	CTCATTAAGC	GEGCAAGTCC	CCTTTCAGAA	GACATGCATG	ACCCAGATGC	CTGTGATGAG
24431	GGTAAACCAG	TGGTCAGTGA	TGAGCAGCTA	ACCCGATGGC	TGGGCACCGA	CTCTCCCCGG	GATTTGGAAG
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24571	CGATTCAGAA	ACCTTGCGCA	AACTCGAAGA	GAATCTGCAC	TACACTTTTA	GACACGGCTT	TGTGCGGCGAG
24641	GCATGCAAGA	TATCTAACGT	GGAACTCACC	AACCTGGTTT	CCTACATGGG	TATTCTGCAT	GAGAATCGCC
24711	TAGGACAAAG	CGTGCTGCAC	AGCACCCCTTA	AGGGGGAAGC	CCGCCGTGAT	TACATCCGCG	ATTGTGTCTA
24781	TCTCTACCTG	TGCCACACGT	GGCAAACCGG	CATGGGTGTA	TGGCAGCAAT	GTTTAGAAGA	ACAGAACTTG
24851	AAAGAGCTTG	ACAAGCTCTT	ACAGAAATCT	CTTAAGGTTT	TGTGGACAGG	GTTTCGACGAG	CGCACCGTCC
24921	CTTCCGACCT	GGCAGACCTC	ATCTTCCAG	AGCGTCTCAG	GGTTACTTTG	CGAAACGGAT	TGCCGTGACTT
24991	TATGAGCCAG	AGCATGCTTA	ACAATTTTCG	CTCTTTCATC	CTGGAACGCT	CCGGTATCCT	CCCCGCCACC
25061	TGCTGCGCAC	TGCCCTCCGA	CTTTGTGCCT	CTCACCTACC	GCGAGTGCCC	CCCCCGGCTA	TGGAGTCACT
25131	GCTACCTGTT	CCGTCTGGCC	AACATCTCT	CCTACCACTC	GGATGTGATC	GAGGATGTGA	GCGGAGACGG
25201	CTTGCTGGAG	TGCCACTGCC	GCTGCAATCT	GTGCAACGCC	CACCGGTCCC	TAGCTTGCAA	CCCCCAGTTG
25271	ATGAGCGAAA	CCCAGATAAT	AGGCACCTTT	GAATTGCAAG	GCCCCAGCAQ	CCAAGGCGAT	GGGTCTTCTC
25341	CTGGGCAAAAG	TTTAAAACTG	ACCCCGGGAC	TGTGGACCTC	CGCCTACTTG	CGCAAGTTTG	CTCCGGAAGA
25411	TTACCACCCC	TATGAAATCA	AGTTCTATGA	GGACCAATCA	CAGCCTCCAA	AGGCCGAAC	TTCCGCTTGC
25481	GTCATCACCC	AGGGGGCAAT	TCTGGCCCCA	TTGCAAGCCA	TCCAAAAATC	CCGCCAAGAA	TTTCTACTGA
25551	AAAAGGGTAA	GGGGGTCTAC	CTTGACCCCC	AGACCGGCGA	GGAACTCAAC	ACAAGGTTCC	CTCAGGATGT
25621	CCCAACGACG	AGAAAACAAG	AAGTTGAAGG	TGCAGCCGCC	GCCCCCAGAA	GATATGGAGG	AAGATTGGGA
25691	CAGTCAGGCA	GAGGAGGCGG	AGGAGGACAG	TCTGGAGGAC	AGTCTGGAGG	AAGACAGTTT	GGAGGAGGAA
25761	AACGAGGAGG	CAGAGGAGGT	GGAGAAGTA	ACCGCCGACA	AACAGTTATC	CTCGGCTGCG	GAGACAAGCA
25831	ACAGCGCTAC	CATCTCCGCT	CCGAGTCGAG	GAACCCGGCG	CGCTCCCGAG	AGTAGATGGG	ACGAGACCGG
25901	ACGCTTCCCG	AACCCCAACCA	GCCTTCCAA	GACCGGTAAG	AAGGATCGGC	AGGGATACAA	GTCTTGCGGG
25971	GGGCATAAGA	ATGCCATCAT	CTCCTGCTTG	CATGAGTGCG	GGGGCAACAT	ATCCTTCACG	CGGCGCTACT
26041	TGCTATTCCA	CCATGGGGTG	AACCTTCCGC	GCAATGTTTT	GCATTACTAC	CGTCACCTCC	ACAGCCCCCTA
26111	CTATAGCCAG	CAAATCCCGA	CAGTCTCGAC	AGATAAAGAC	AGCGGCGGCG	ACCTCCAACA	GAAAACCAGC
26181	AGCGGACAGT	AGAAAATACA	CAACAAGTGC	AGCAACAGGA	GGATTAAAGA	TTACAGCCAA	CGAGCCAGCG
26251	CAAACCCGAG	AGTTAAGAAA	TCGGATCTTT	CCAACCTGT	ATGCCATCTT	CCAGCAGAGT	CGGGGTCAAG
26321	AGCAGGAACT	GAAAATAAAA	AACCGATCTC	TGCGTTGCTT	CACCAAGAAGT	TGTTTGATC	ACAAGAGCGA
26391	AGATCAACTT	CAGCGCACTC	TCGAGGACGC	CGAGGCTCTC	TTCAACAAGT	ACTGCGCGCT	GACTCTTAAA
26461	GAGTAGGCAG	CGACCGCGCT	TATTCAAAAA	AGGCGGGAAT	TACATCATCC	TCGACATGAG	TAAAGAAATT
26531	CCCACGCCTT	ACATGTGGAG	TTATCAACCC	CAAATGGGAT	TGGCAGCAGG	CGCCTCCAG	GACTACTCCA
26601	CCGCGATGAA	TTGGCTCAG	GCCGGGCCTT	CTATGATTTT	TCGAGTTAAT	GATATACGCG	CCTACCGAAA
26671	CCAAATACTT	TTGGAACAGT	CAGCTCTTAC	CACCAACGCC	CGCCAACACC	TTAATCCCA	AAATTGGCCC
26741	GCCGCCCTAG	TGTACCAGGA	AAGTCCCGCT	CCCACCACTG	TATTACTTCC	TCGAGACGCC	CAGGCGGAAG
26811	TCCAAATGAC	TAATGCAGGT	GCGCAGTTAG	CTGGCGGCTC	CACCCATATG	CGTCACAGGC	CTCGGCATAA
26881	TATAAAACGC	CTGATGATCA	GAGGCCGAGG	TATCCAGCTC	AACGACGAGT	CGGTGAGCTC	TCCGCTTGGT
26951	CTACGACCAG	ACGGAATCTT	TCAGATTGCC	GGCTGCGGGA	GATCTTCCTT	CACCCCTCGT	CAGGCTGTTC
27021	TGACTTTGGA	AAGTTCTGCT	TCGCAACCCC	GCTCGGGCGG	AATCGGGACC	GTTCAATTTG	TAGAGGAGTT
27091	TACTCCCTCT	GTCTACTTCA	ACCCCTTCTC	CGGATCTCCT	GGGCACTACC	CGGACGAGTT	CATACCGAAC
27161	TTGACGCGCA	TTAGCGAGTC	AGTGGACGGC	TACGATTGAT	GTCTGGTGAC	GCGGCTGAGC	TATCTCGGCT
27231	GCGACATCTA	GACCACTGCC	GCCGCTTTCC	CTGCTTTGCC	CGGGAACCTA	TTGAGTTTCA	CTACTTCGAA
27301	CTCCCCAAGG	ATCACCCCTCA	AGGTCCGGCC	CACGGAGTGC	GGATTACTAT	CGAAGGCAAA	ATAGACTCTC
27371	GCCTGCAACG	AATTTTCTCC	CAGCGGCCCG	TGCTGATCGA	GCGAGACCA	GGAAACACCA	CGGTTTCCAT
27441	CTACTGCATT	TGTAATCACC	CCGGATTGCA	TGAAAGCCTT	TGCTGTCTTA	TGTGTACTGA	GTTTAATAAA
27511	AACTGAATTA	AGACTCTCCT	ACGGACTGCC	GCTTCTTCAA	CCCGGATTTT	ACAACCAGAA	GAACAAAAC
27581	TTTCCTGTCT	TCCAGGACTC	TGTTAACTTC	ACCTTTCTTA	CTCACAAACT	AGAAGCTCAA	CGACTACACC
27651	GCTTTTCCAG	AAGCATTTTC	CCTACTAATA	CTACTTTCAA	AACCGGAGGT	GAGCTCCACG	GTCTCCCTAC
27721	AGAAAACCC	TGGGTGGAAG	CGGGCCTTGT	AGTACTAGGA	ATTCTTGCGG	GTGGGCTTGT	GATTATTCTT
27791	TGCTACCTAT	ACACACCTTG	CTTCACTTTC	CTAGTGGTGT	TGTGGTATTG	GTTTAAAAAA	TGGGGCCCAT
27861	ACTAGTCTTG	CTTGTTTTAC	TTTCGCTTTT	GGAACCGGGT	TCTGCCAATT	ACGATCCATG	TCTAGACTTT
27931	GACCCAGAAA	ACTGCACACT	TACTTTTGCA	CCCGACACAA	GCCGCATCTG	TGGAGTTCTT	ATTAAGTGCG
28001	GATGGGAATG	CAGGTCCGTT	GAAATTACAC	ACAATAACAA	AACCTGGAAC	AATACCTTAT	CCACCACATG
28071	GGAGCCAGGA	GTTCCCGAGT	GGTACACTGT	CTCTGTCCGA	GGTCTTGACG	GTTCCATCCG	CATTAGTAAC
28141	AACACTTTCA	TTTTTCTGTA	AATGTGCGAT	CTGGCCATGT	TCATGAGCAA	ACAGTATTCT	CTATGGCCTC
28211	CTAGCAAGGA	CAACATCGTA	ACGTTCTCCA	TGCTTATTG	CTTGTGCGCT	TGCCTTCTTA	CTGCTTTACT

28281	GTGCGTATGC	ATACACCTGC	TTGTAACCAC	TGCGATCAAA	AACGCCAATA	ACAAAGAAAA	AATGCCTTAA
28361	CCTCTTTCTG	TTTACAGACA	TGGCTTCTCT	TACATCTCTC	ATATTGTGCA	GCATTGTGAC	TGCCGCTCAC
28421	GGACAAACAG	TCGTCTCTAT	CCCCTAGGA	CATAATTACA	CTCTCATAGG	ACCCCCAATC	ACTTCACAGG
28491	TCATCTGGAC	CAAACTGGGA	AGCGTTGATT	ACTTTGATAT	AATCTGTAAC	AAAACAAAAC	CAATAATAGT
28561	AACTTGCAAC	ATACAAAATC	TTACATTGAT	TAATGTTAGC	AAAGTTTACA	GCGGTTACTA	TTATGGTTAT
28631	GACAGATACA	GTAGTCAATA	TAGAAATTAC	TTGGTTTCGT	TTACCCAGTT	GAAAACCCAG	AAAATGCCAA
28701	ATATGGCAAA	GATTTCGATC	GATGACAATT	CTCTAGAAAC	TTTTACATCT	CCCACCACAC	CCGACGAAAA
28771	AAACATCCCA	GATTCAATGA	TTGCAATTGT	TGCAGCGGTG	GCAGTGGTGA	TGGCACTAAT	AATAATATGC
28841	ATGCTTTTAT	ATGCTTGTCG	CTACAAAAAG	TTTCATCCTA	AAAAACAAGA	TCTCCTACTA	AGGCTTAACA
28911	TTTAATTTCT	TTTTATACAG	CCATGGTTTC	CACTACCACA	TTCTTATGCT	TTACTAGTCT	CGCAACTCTG
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29051	ATGTCTTTTG	GTGGAGAATA	TATGACAATG	GATGGTTTAC	AAAACCATGT	GACCAACCTG	GTAGATTTTT
29121	CTGCAACGGC	AGAGACCTAA	CCATTATCAA	CGTGACAGCA	AATGACAAAG	GCTTCTATTA	TGGAACCGAC
29191	TATAAAAAGTA	GTTTAGATTA	TAACATTATT	GTAAGTCCAT	CTACCACTCC	AGCACCCTCC	CCAGCACTCT
29261	TCTCTAGCAG	CAGTGTGCTC	AACAATACAA	TTTCCAATCC	AACCTTTGCC	GCGCTTTTAA	AACGCACTGT
29331	GAATAATTCT	ACAACCTCAC	ATACAACAAT	TTCCACTTCA	ACAATCAGCA	TCATCGCTGC	AGTGACAATT
29401	GGAATATCTA	TTCTTGTTTT	TACCATAACC	TACTACGCTC	GCTGCTATAG	AAAAGACAAA	CATAAAGGTG
29471	ATCCATTACT	TAGATTTGAT	ATTTAATTTG	TTCTTTTTTT	TTATTTACAG	TATGGTGAAC	ACCAATCATG
29541	GTACCTAGAA	ATTTCTTCTT	CACCATACTC	ATCTGTGCTT	TTAATGTTTG	GCTACTTTTC	ACAGCAGTAG
29611	CCACAGCAAC	CCCAGACTGT	ATAGGAGCAT	TTGCTTCCCTA	TGCACTTTTT	GCTTTTGTTA	CTTGCACTCTG
29681	CGTATGTAGC	ATAGTCTGCC	TGGTTATTAA	TTTTTTCCAA	CTTCTAGACT	GGATCCTTGT	GCGAATTGCC
29751	TACCTGCGCC	ACCATCCCGA	ATACCGCAAC	CAAAATATCG	CGGCACTTCT	TAGACTCATC	TAAAACCATG
29821	CAGGCTATAC	TACCAATATT	TTTGCTTCTA	TTGCTTCCCT	ACGCTGTCTC	AACCCCACTG	GCCTATAGTA
29891	CTCCACCAGA	ACACCTTAGA	AAATGCAAA	TCCAACAACC	GTGGTCATTT	CTTGCTTGTG	ATCGAGAAAA
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30101	AGGAACACAT	TCCCCACAA	AACATGCAAC	ATCCAATAGC	GCTAATAGAT	TACGAAAGTG	AACCACAACC
30171	CCCACTACTC	CCTGCTATTA	GTTACTTCAA	CTTAACCGGC	GGAGATGACT	GAAACACTCA	CCACCTCCAA
30241	TTCCGCCGAG	GATCTGCTCG	ATATGGACGG	CCGCGTCTCA	GAACAACGAC	TTGCCCAACT	ACGCATCCGC
30311	CAGCAGCAGG	AACGCGTGCC	CAAAGAGCTC	AGAGATGTCA	TCCAATTTC	CCAATGCAAA	AAAGGCATAT
30381	TCTGTTTGGT	AAAACAAGCC	AAGATATCCT	ACGAGATCAC	CGCTACTGAC	CATCGCCTCT	CTTACGAAC
30451	TGGCCCCCAA	CGACAAAAAT	TTACCTGCAT	GCTGGGAATC	AACCCCATAG	TTATCAECCA	ACAAAGTGGA
30521	GATACTAAGG	GTTGCATTCA	CTGCTCTGCT	GATTCCATCG	AGTGACCTA	CACCCCTGCT	AAGACCTAT
30591	GCGGCCCTAAG	AGACCTGCTA	CCAATGAATT	AAAAAAAAT	GATTAATAAA	AAATCACTTA	CTTGAATCA
30661	GCAATAAGGT	CTCTGTTGAA	ATTTTCTCCC	AGCAGCACCT	CACCTCCCTC	TTCCCAACTC	TGGTATTCTA
30731	AACCCCGTTC	AGCGGCATAC	TTTCTCCATA	CTTTAAAGGG	GATGTCAAAT	TTTAGCTCCT	CTCCTGTACC
30801	CACAATCTTC	ATGTCTTTCT	TCCCAGATGA	CCAAGAGAGT	CCGGCTCAGT	GACTCCTTCA	ACCCTGTCTA
30871	CCCCTATGAA	GATGAAAGCA	CCTCCCAACA	CCCCCTTTATA	AACCCAGGGT	TTATTTCCCC	AAATGGCTTC
30941	ACACAAAGCC	CAGACGGAGT	TCTTACTTTA	AAATGTTTAA	CCCCACTAAC	AACCACAGGC	GGATCTCTAC
31011	AGCTAAAAGT	GGGAGGGGGA	CTTACAGTGG	ATGACACTGA	TGGTACCTTA	CAAGAAAAAC	TACGTGCTAC
31081	AGCACCCATT	ACTAAAAATA	ATCACTCTGT	AGAACTATCC	ATTGGAATG	GATTAGAAAC	TCAAAACAAT
31151	AACTATGTG	CCAAATTGGG	AAATGGGTTA	AAATTTAACA	ACGGTGACAT	TTGTATAAAG	GATAGTATTA
31221	ACACCTTATG	GACTGGAATA	AACCCCTCCAC	CTAAGTGTCA	AATTGTGGAA	AACACTAATA	CAAATGATGG
31291	CAAACCTTACT	TTAGTATTAG	TAAAAAATGG	AGGGCTTGTT	AATGGCTACG	TGTCTCTAGT	TGGTGTATCA
31361	GACACTGTGA	ACCAATGTG	CACACAAAAG	ACAGCAAACA	TCCAATTAAG	ATTATATTTT	GACTCTTCTG
31431	GAAATCTATT	AACTGAGGAA	TCAGACTTAA	AAATTCCTCT	TAAAAATAAA	TCTTCTACAG	CGACCACTGA
31501	AACTGTAGCC	AGCAGCAAAG	CCTTTATGCC	AAGTACTACA	GCTTATCCCT	TCAACACCAC	TACTAGGGAT
31571	AGTGAAAACT	ACATTTCATG	AATATGTTAC	TACATGACTA	GTTATGATAG	AAGTCTATTT	CCCTTGAACA
31641	TTTCTATAAT	GCTAAACAGC	CGTATGATTT	CTTCCAATGT	TGCCTATGCC	ATACAATTTG	AATGGAATCT
31711	AAATGCAAGT	GAATCTCCAG	AAAGCAACAT	AGCTACGCTG	ACCACATCCC	CCTTTTTCTT	TTCTTACATT
31781	ACAGAAGACG	ACAACATAAA	TAAAGTTTAA	GTGTTTTTAT	TTAAAATCAC	AAAATTCGAG	TAGTTATTTT
31851	GCCTCCACCT	TCCCATTGGA	CAGAATACAC	CAATCTCTCC	CCACGCACAG	CTTTAAACAT	TTGGATACCA
31921	TTAGAGATAG	ACATTGTTTT	AGATTCCACA	TTCCAAACAG	TTTCAGAGCG	AGCCAATCTG	GGGTCACTGA
31991	TAGATAAAAA	TCCATCGCGA	TAGTCTTTTA	AAGCGCTTTC	ACAGTCCAAC	TGCTGCGGAT	GCGACTCCGG
32061	AGTTTGGATC	ACGGTCACTC	GGAAGAAGAA	CGATGGGAAT	CATAATCCGA	AAACGGTATC	GGACGATTGT
32131	GTCTCATCAA	ACCCACAAGC	AGCCGCTGTC	TGCGTGCCTC	CGTGCGACTG	CTGTTTTATG	GATCAGGGTC
32201	CACAGTTTTCC	TGAAGCATGA	TTTTAATAGC	CTTAACATC	AACTTTCTGG	TGCGATGCGC	GCAGCAACGC
32271	ATTCTGATTT	CACTCAAATC	TTTGCAGTAG	GTACAACACA	TTATTACAAT	ATTGTTTAAT	AAACCATAAT

32341	TAAAAGCGCT	CCAGCCAAAA	CTCATATCTG	ATATAATCGC	CCCTGCATGA	CCATCATACC	AAAGTTTAA
32411	ATAAATTAAA	TGACGTTCCC	TCAAAAACAC	ACTACCCACA	TACATGATCT	CTTTTGGCAT	GTGCATATTA
32481	ACAATCTGTC	TGTACCATGG	ACAACGTTGG	TTAATCATGC	AACCCCAATAT	AACCTTCCGG	AACCACACTG
32551	CCAACACCGC	TCCCCCAGCC	ATGCATTGAA	GTGAACCCTG	CTGATTACAA	TGACAATGAA	GAACCCCAATT
32621	CTCTCGACCG	TGAATCACTT	GAGAATGAAA	AATATCTATA	GTGGCACAAC	ATAGACATAA	ATGCATGCAT
32691	CTTCTCATAA	TTTTTAACTC	CTCAGGATTT	AGAAACATAT	CCCAGGGAAT	AGGAAGCTCT	TGCAGAACAG
32761	TAAAGCTGGC	AGAACAAGGA	AGACCACGAA	CACAACCTAC	ACTATGCATA	GTCATAGTAT	CACAATCTGG
32831	CAACAGCGGG	TGGTCTTCAG	TCATAGAAGC	TCGGGTTTCA	TTTTCTCAC	AACGTGGTAA	CTGGGCTCTG
32901	GTGTAAGGGT	GATGTCTGGC	GCATGATGTC	GAGCGTGCGC	GCAACCTTGT	CATAATGGAG	TTGCTTCTCTG
32971	ACATTCTCGT	ATTTTGTATA	GCAAAACGCG	GCCCTGGCAG	AACACACTCT	TCCTCGCCTT	CTATCCTGCC
33041	GCTTAGCGTG	TTCCGTGTGA	TAGTTCAAGT	ACAGCCACAC	TCCTAAGTTG	GTCAAAAAGAA	TGCTGGCTTC
33111	AGTTGTAATC	AAAACCTCCAT	CGCATCTAAT	TGTTCTGAGG	AAATCATCCA	CGGTAGCATA	TGCAAAATCCC
33181	AACCAAGCAA	TGCAACTGGA	TTGCGTTTCA	AGCAGGAGAG	GAGAGGGAAG	AGACGGAAGA	ACCATGTTAA
33251	TTTTTATTCC	AAACGATCTC	GCAGTACTTC	AAATTGTAGA	TCGCGCAGAT	GGCATCTCTC	GCCCCCACTG
33321	TGTTGGTGAA	AAAGCACAGC	TAAATCAAAA	GAAATGCGAT	TTTCAAGGTG	CTCAACGGTG	GCTTCCAACA
33391	AAGCCTCCAC	GCGCACATCC	AAGAACAAAA	GAATACCAAA	AGAAGGAGCA	TTTTCTAACT	CCTCAATCAT
33461	CATATTACAT	TCCTGCACCA	TTCCCAGATA	ATTTTCAGCT	TTCCAGCCTT	GAATTATTCT	TGTCAGTTCT
33531	TGTGGTAAAT	CCAATCCACA	CATTACAAAC	AGGTCCCAGG	GGGCGCCCTC	CACCACCATT	CTTAAACACA
33601	CCCTCATAAT	GACAAAATAT	CTTGCTCCTG	TGTCACCTGT	AGCGAATTGA	GAATGGCAAC	ATCAATTGAC
33671	ATGCCCTTGG	CTCTAAGTTC	TTCTTTAAGT	TCTAGTTGTA	AAAACCTCTCT	CATATTATCA	CCAAACTGCT
33741	TAGCCAGAAG	CCCCCCGGGA	ACAAGAGCAG	GGGACGCTAC	AGTGCAGTAC	AAGCGCAGAC	CTCCCCAATT
33811	GGCTCCAGCA	AAAACAAGAT	TGGAATAAGC	ATATTGGGAA	CCACCAGTAA	TATCATCGAA	GTGCTGGGAA
33881	ATATAATCAG	GCAGAGTTTC	TTGTAGAAAT	TGAATAAAAG	AAAAATTTGC	CAAAAAAACA	TTCAAAACCT
33951	CTGGGATGCA	AATGCAATAG	GTTACCGCGC	TGCGCTCCAA	CATTGTTAGT	TTTGAATTAG	TCTGCAAAAA
34021	TAAAAAATAA	ACAAGCGTCA	TATCATAGTA	GCCTGACGAA	CAGGTGGATA	AATCAGTCTT	TCCATCACAA
34091	GACAAGCCAC	AGGGTCTCCA	GCTCGACCTT	CGTAAAACCT	GTATCGTGA	TTAAACAACA	GCACCGAAAG
34161	TTCTCTGCGG	TGACCAGCAT	GAATAAGTCT	TGATGAAGCA	TACAATCCAG	ACATGTTAGC	ATCAGTTAAG
34231	GAGAAAAAAC	AGCCAACATA	GCCTTTGGGT	ATAATTATGC	TTAATCGTAA	GTATAGCAAA	GCCACCCCTC
34301	GCGGATACAA	AGTAAAAGGC	ACAGGAGAAT	AAAAAATATA	ATTATTTCTC	TGCTGCTGTT	TAGGCAACGT
34371	CGCCCCCGGT	CCCTCTAAAT	ACACATACAA	AGCCTCATCA	GCCATGGCTT	ACCAGAGAAA	GTACAGCGGG
34441	CACACAAACC	ACAAGCTCTA	AAGTCACTCT	CCAACCTSTC	CACAATATAT	ATACACAAGC	CCTAAACTGA
34511	CGTAATGGGA	CTAAAGTGTA	AAAAATCCCG	CCAAACCCAA	CACACACCCC	GAAACTGCGT	CACCAGGGAA
34581	AAGTACAGTT	TCACTTCCGC	AATCCCAACA	AGCGTCACTT	CCTCTTTCTC	ACGGTACGTC	ACATCCCATT
34651	AACTTACAAC	GTCATTTTCC	CACGGCCGCG	CCGCCCCCTT	TAACCGTTAA	CCCCACAGCC	AATCACCACA
34721	CGGCCACAC	TTTTTAAAT	CACCTCATTT	ACATATTGGC	ACCATTCCAT	CTATAAGGTA	TATTATTGAT
34791	GATG						

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Figure 6

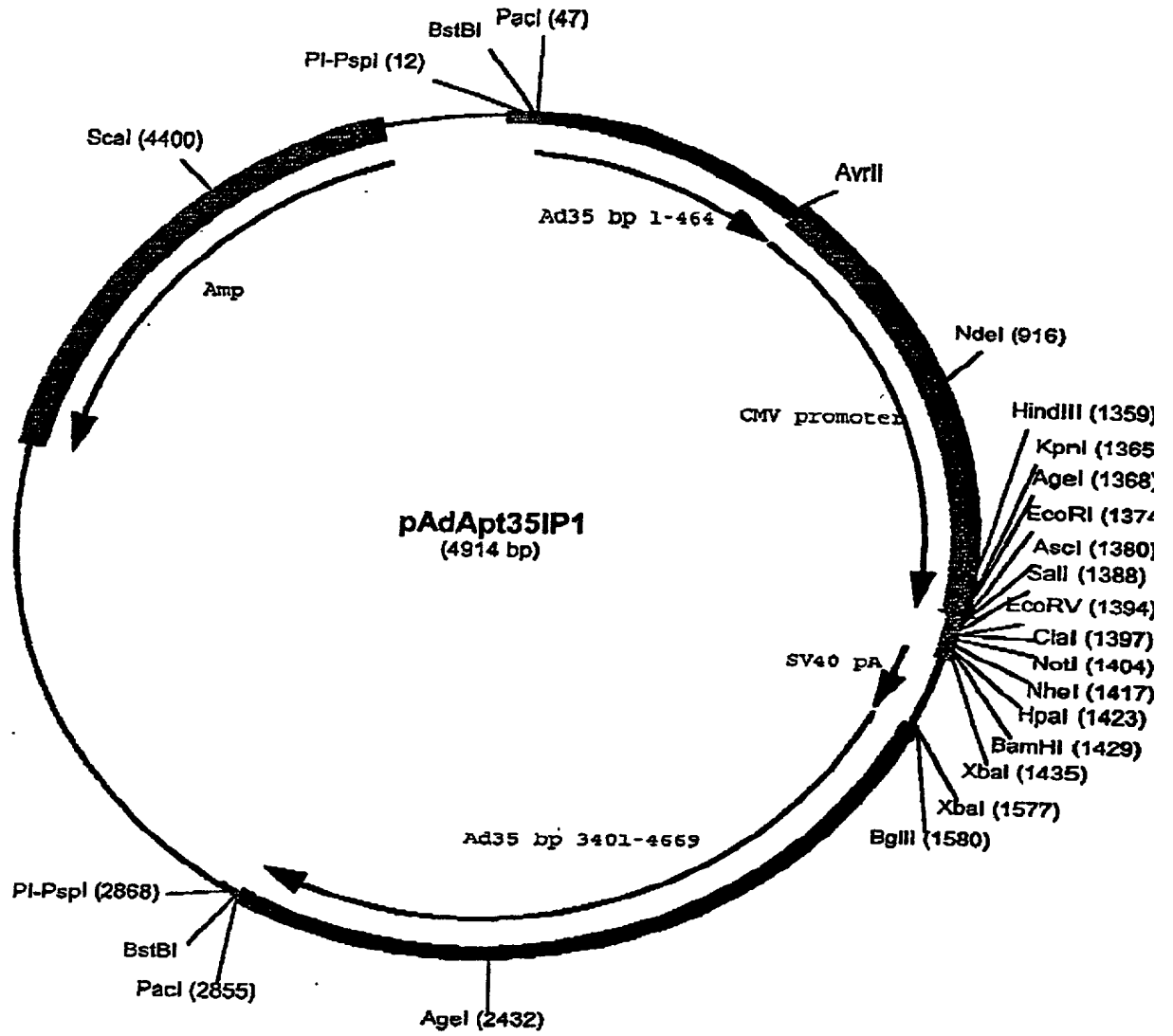
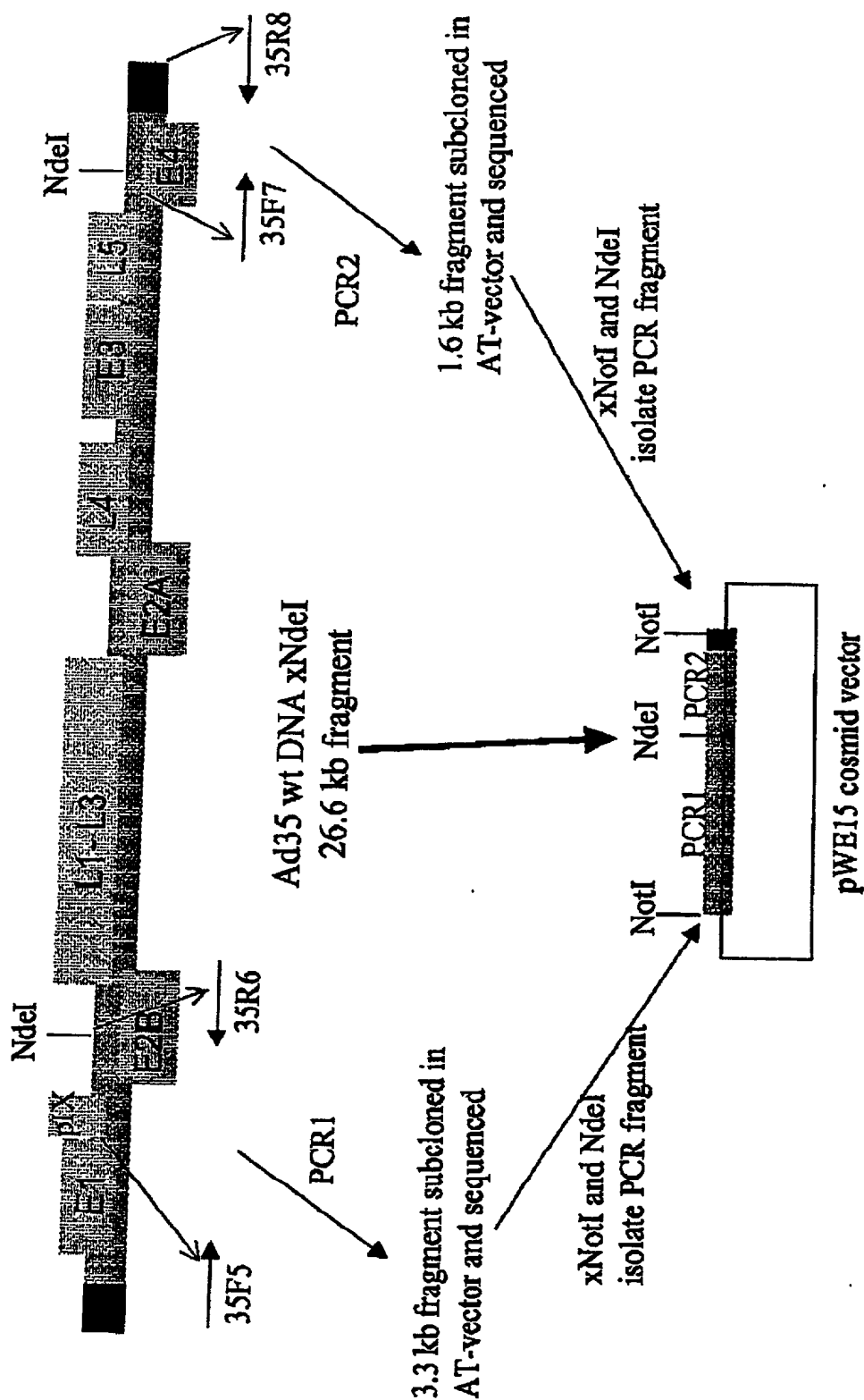


FIG. 7: Construction of cosmid vector pWE.Ad35.pIX-rITR



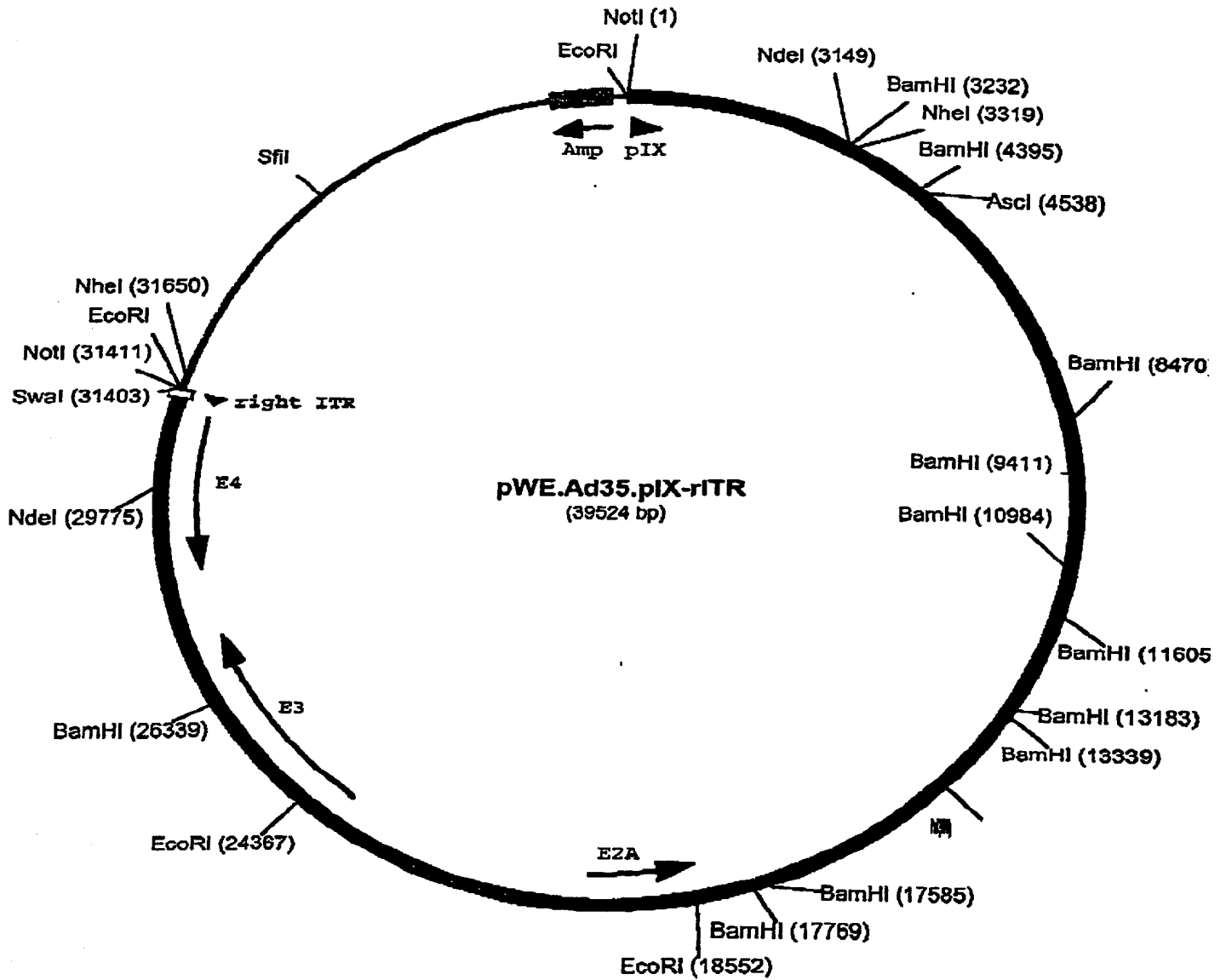
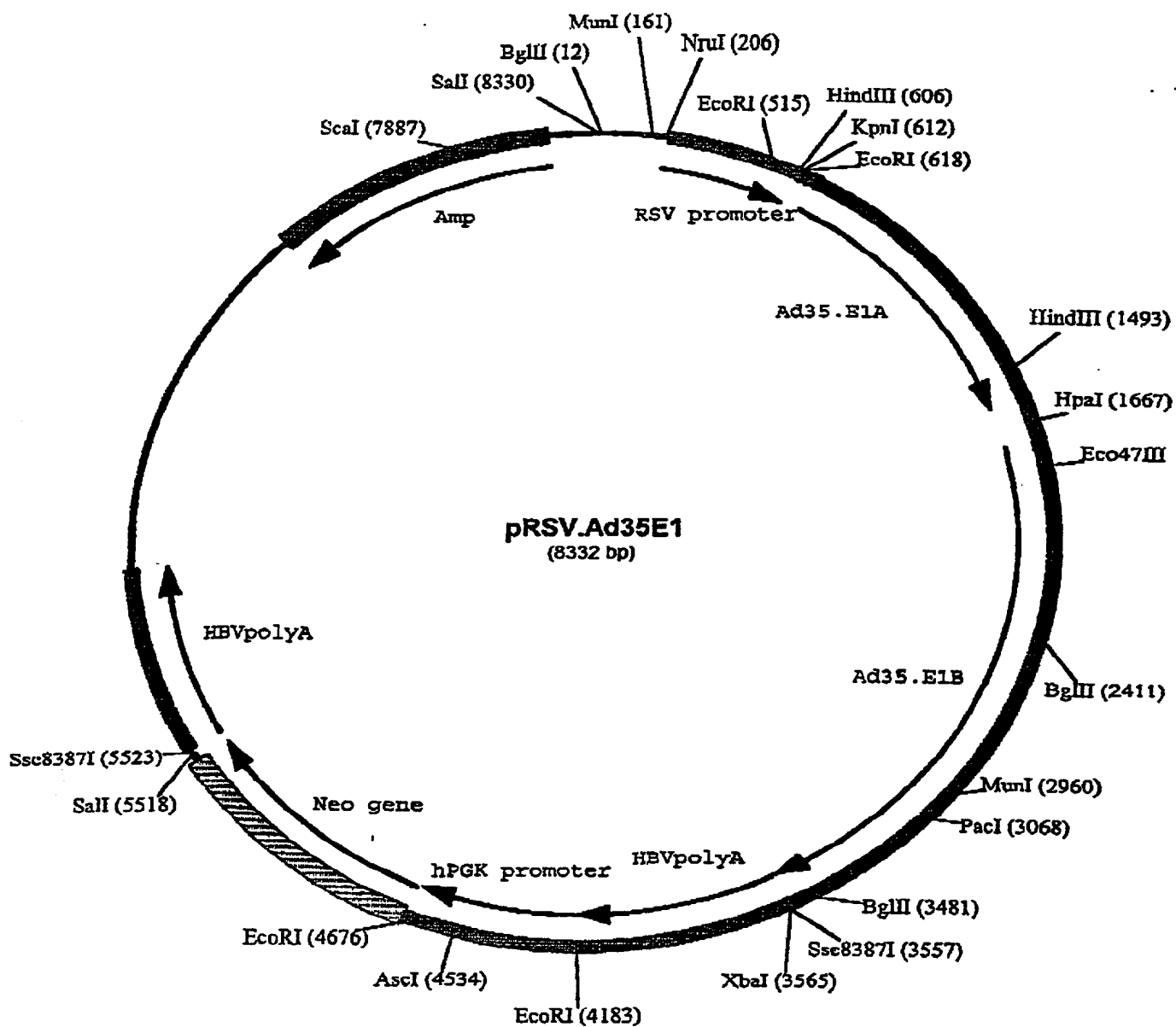
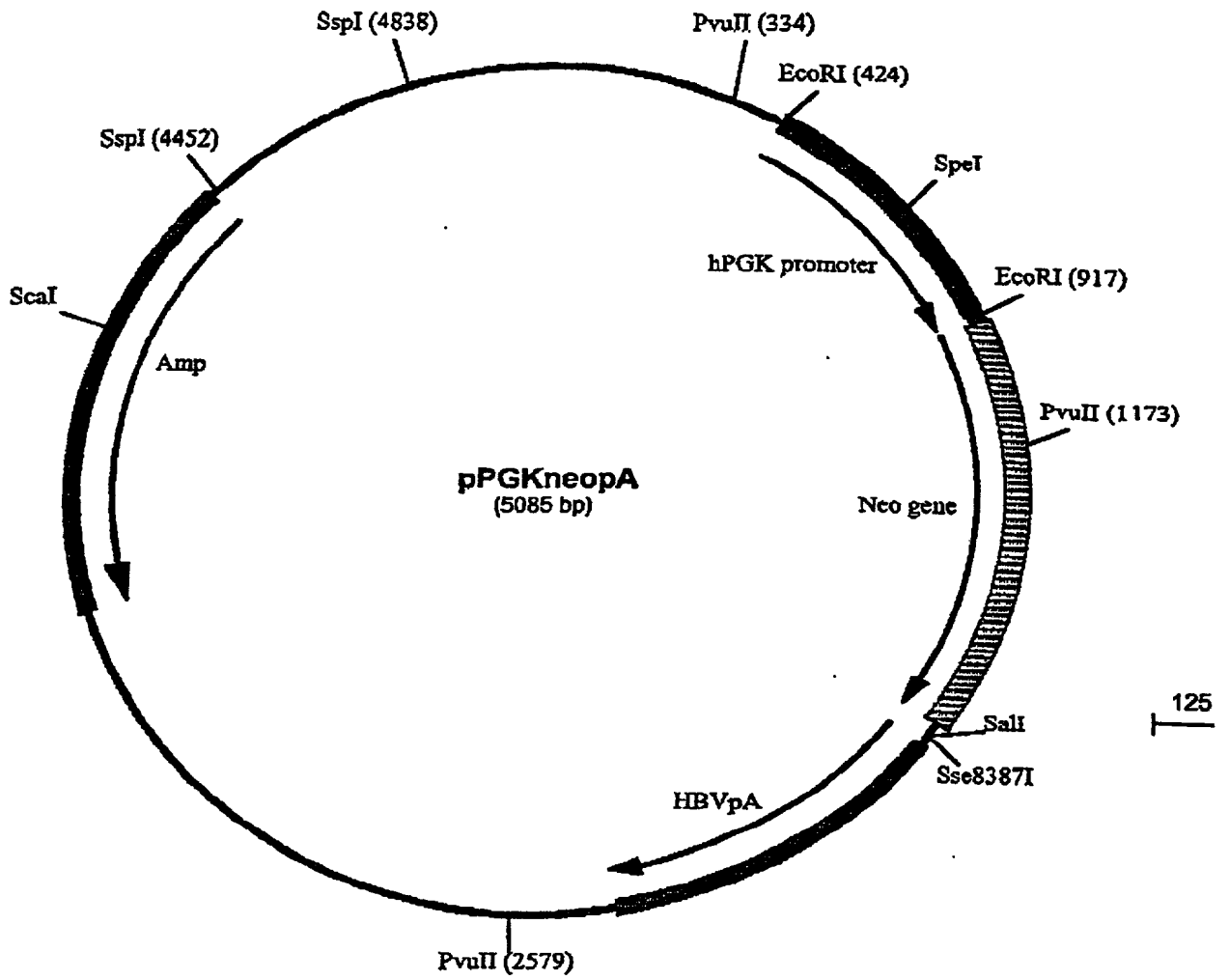
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Figure 9



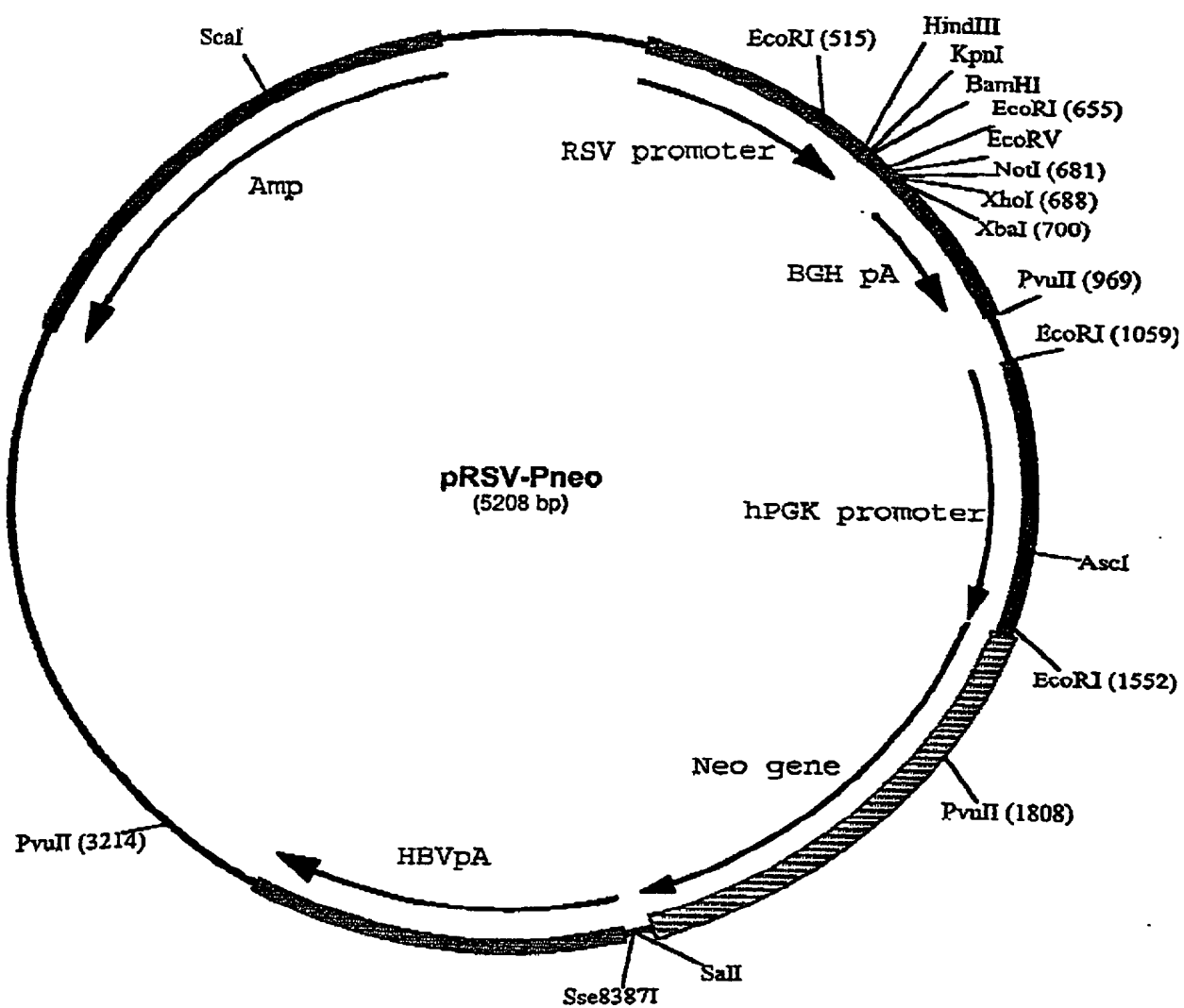
1000250-1150
T0577 0520007

Figure 10



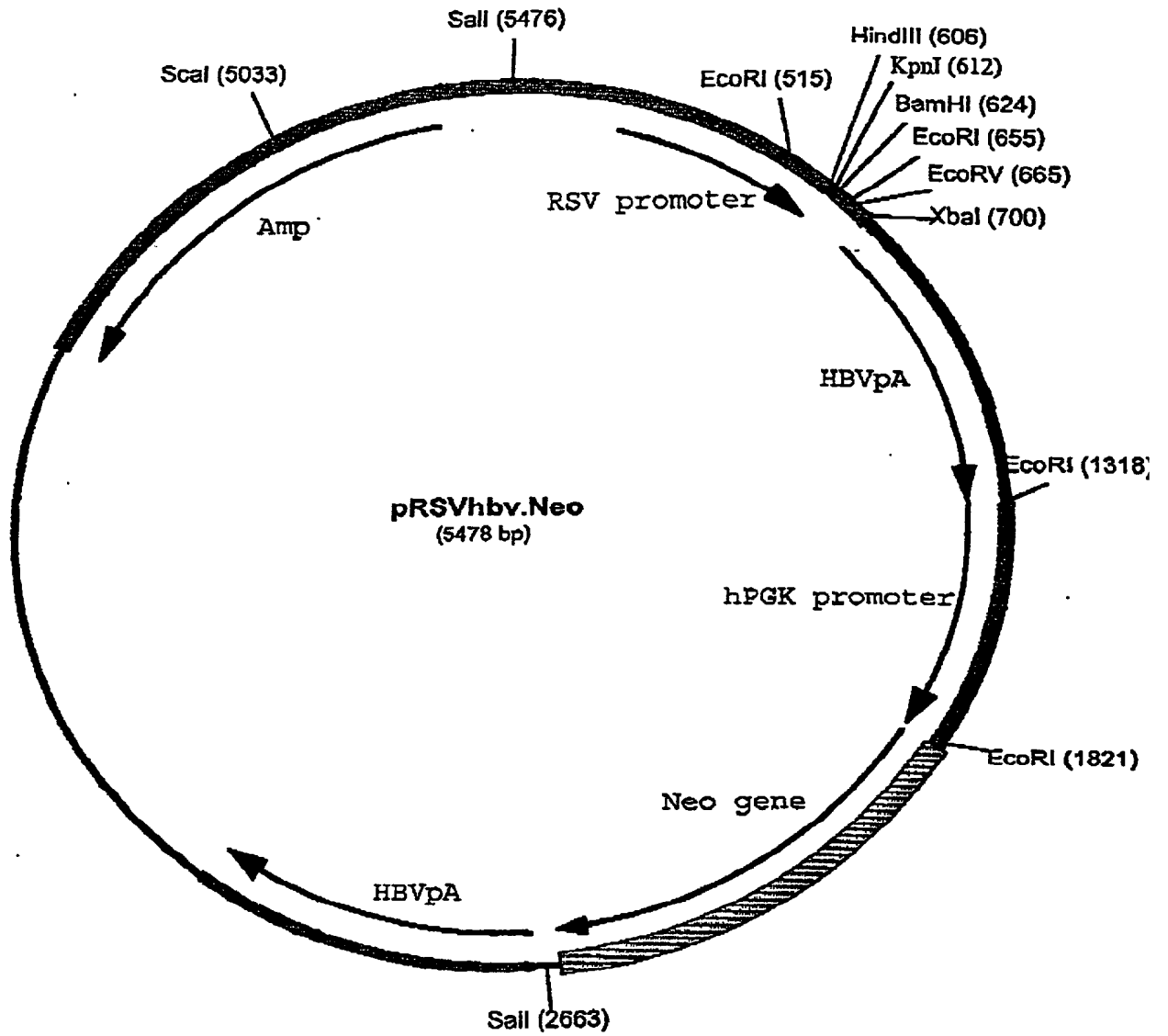
10003750-11501
TEST 052000T

Figure 11



10002750-44501

Figure 12



1000250.11501
T0511 05/2001

Figure 13

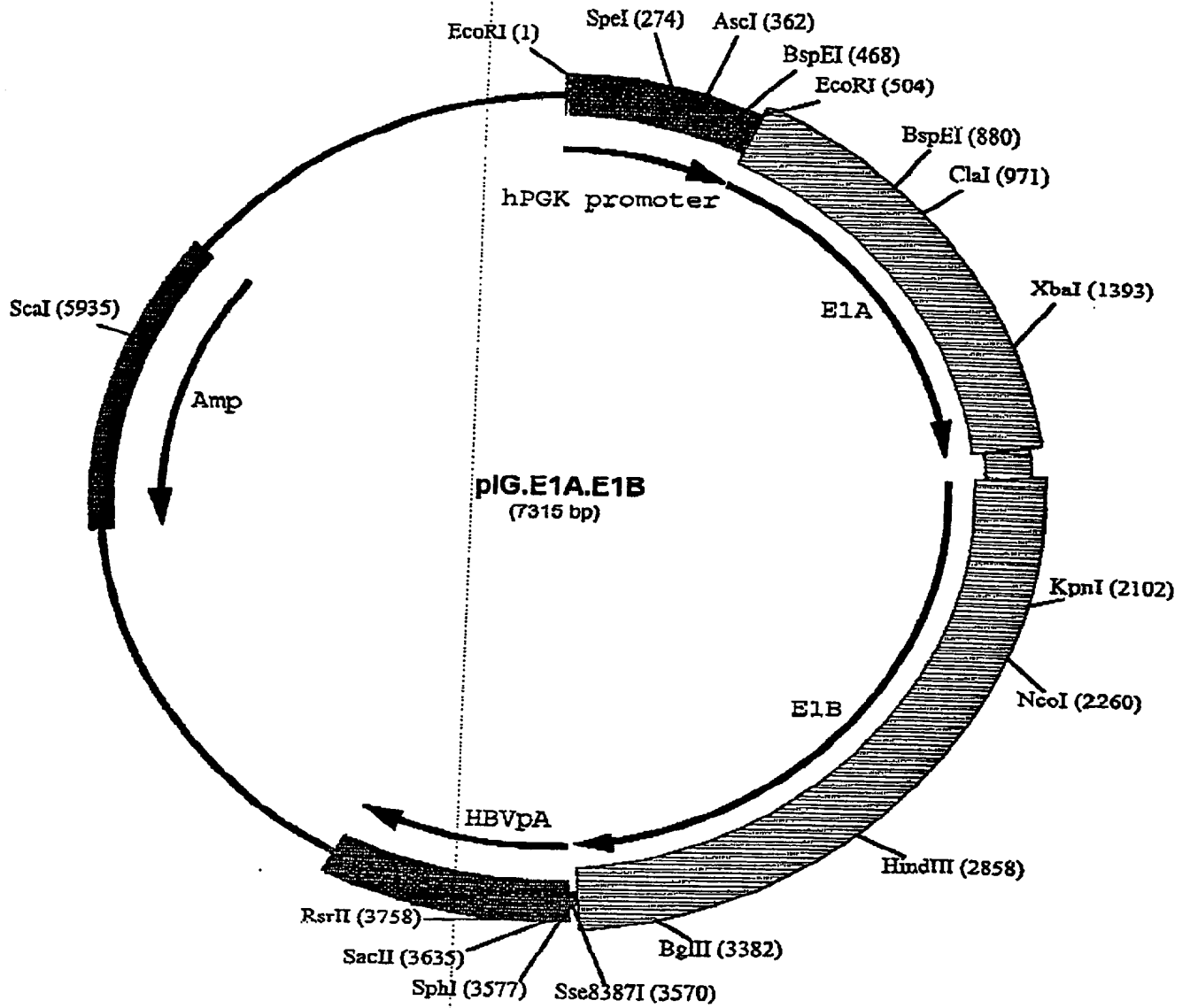


Figure 14

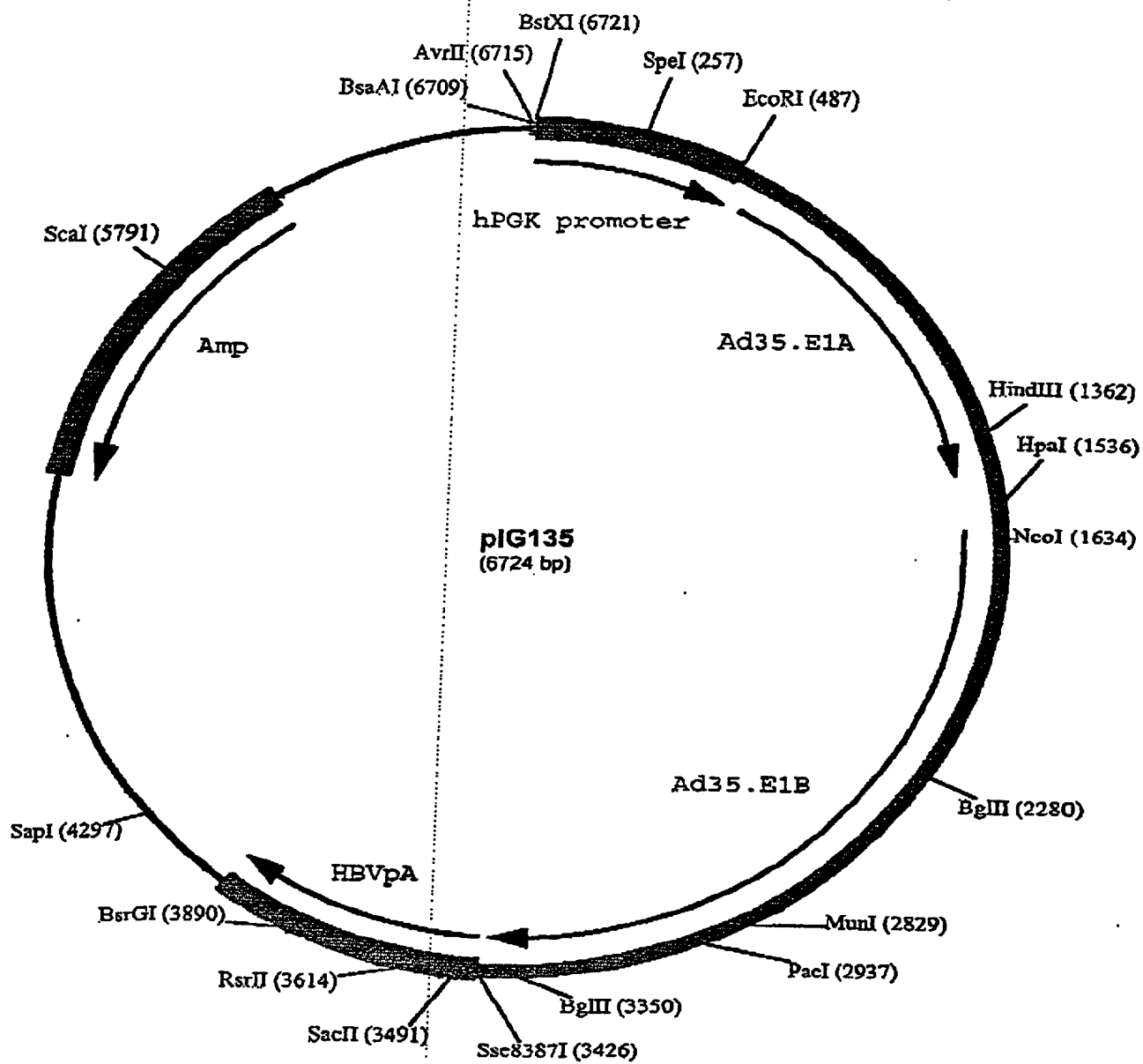
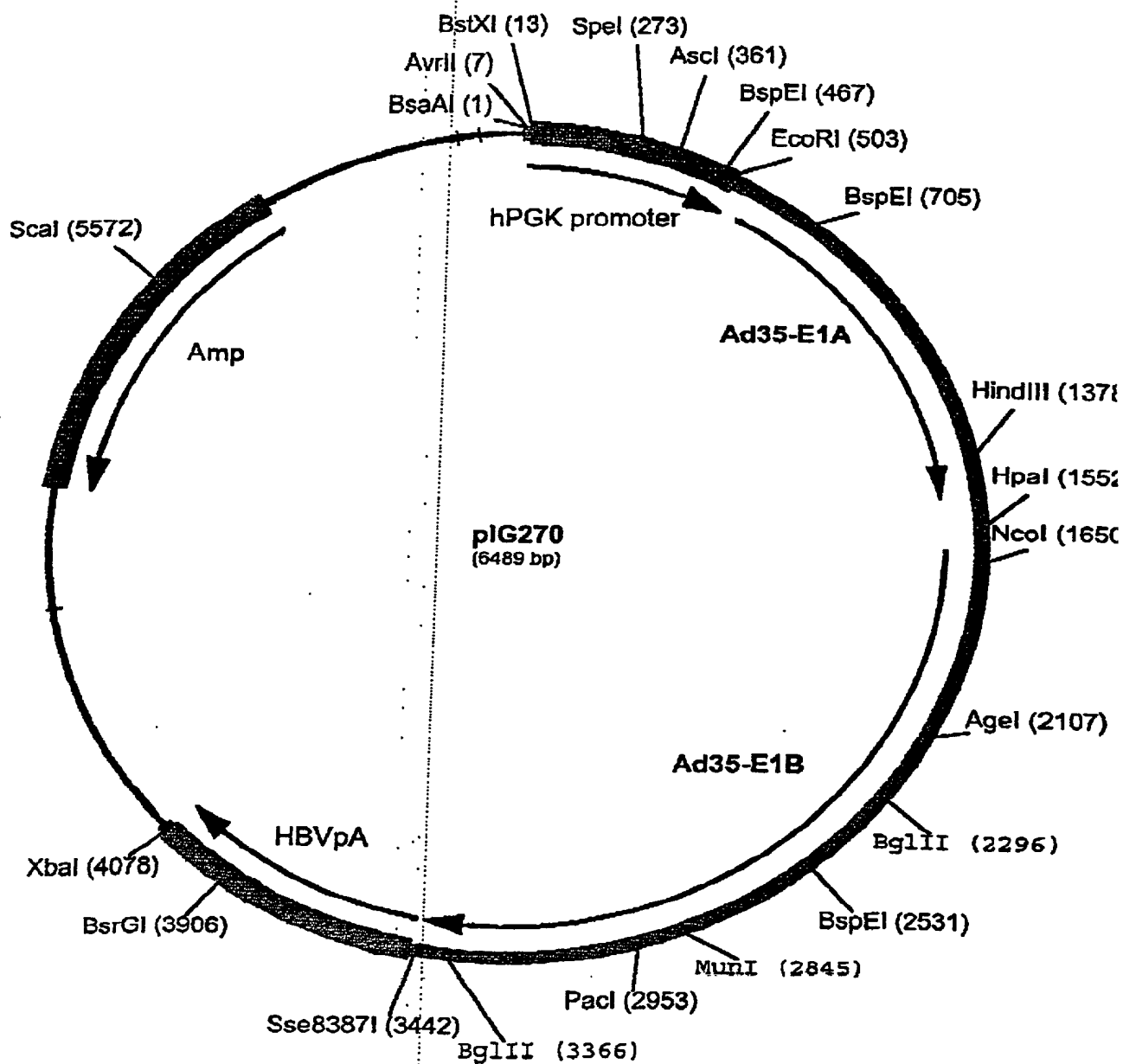


Figure 15



1000250.4404
T0511T 05/2001

Figure 16

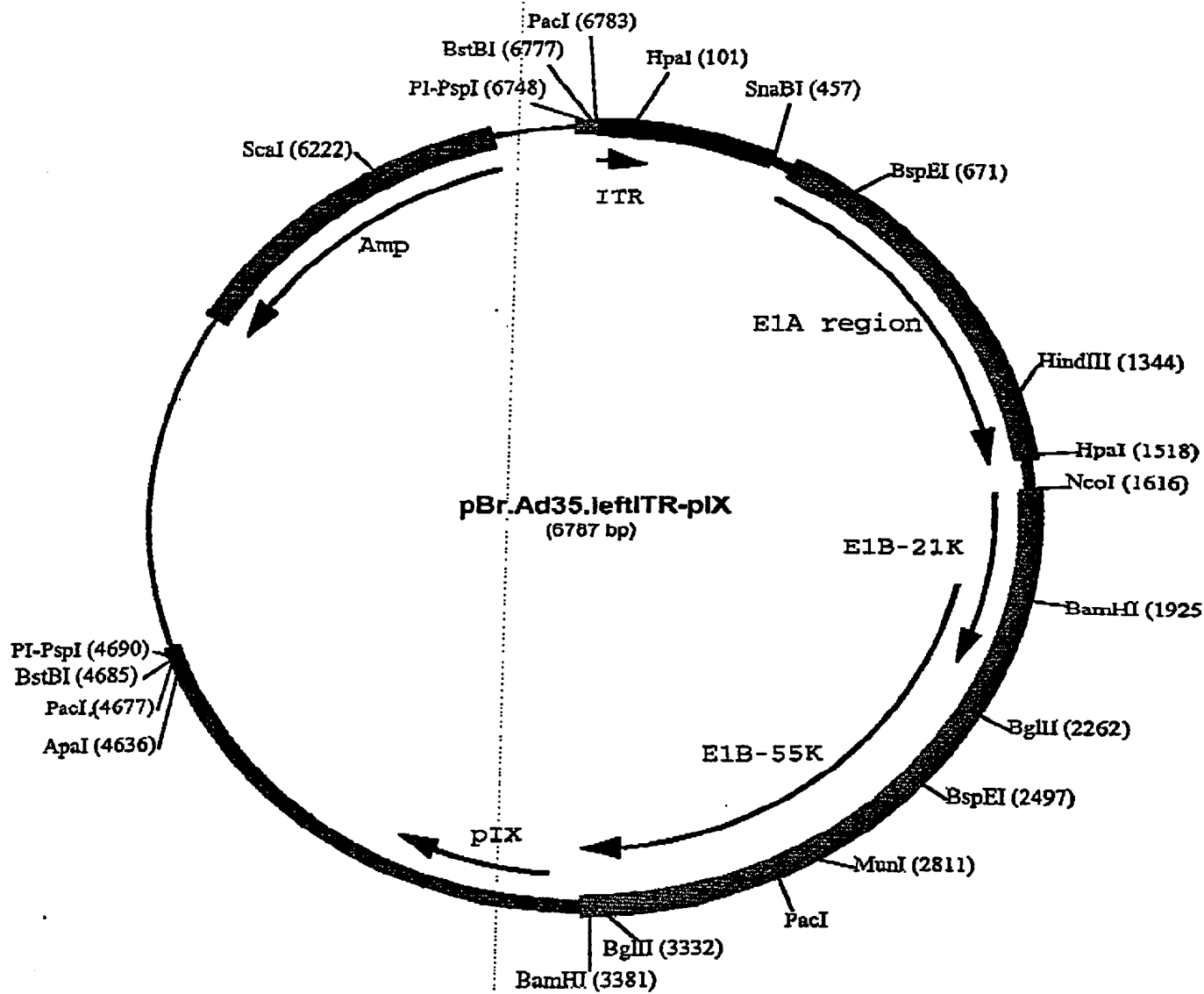


Figure 17

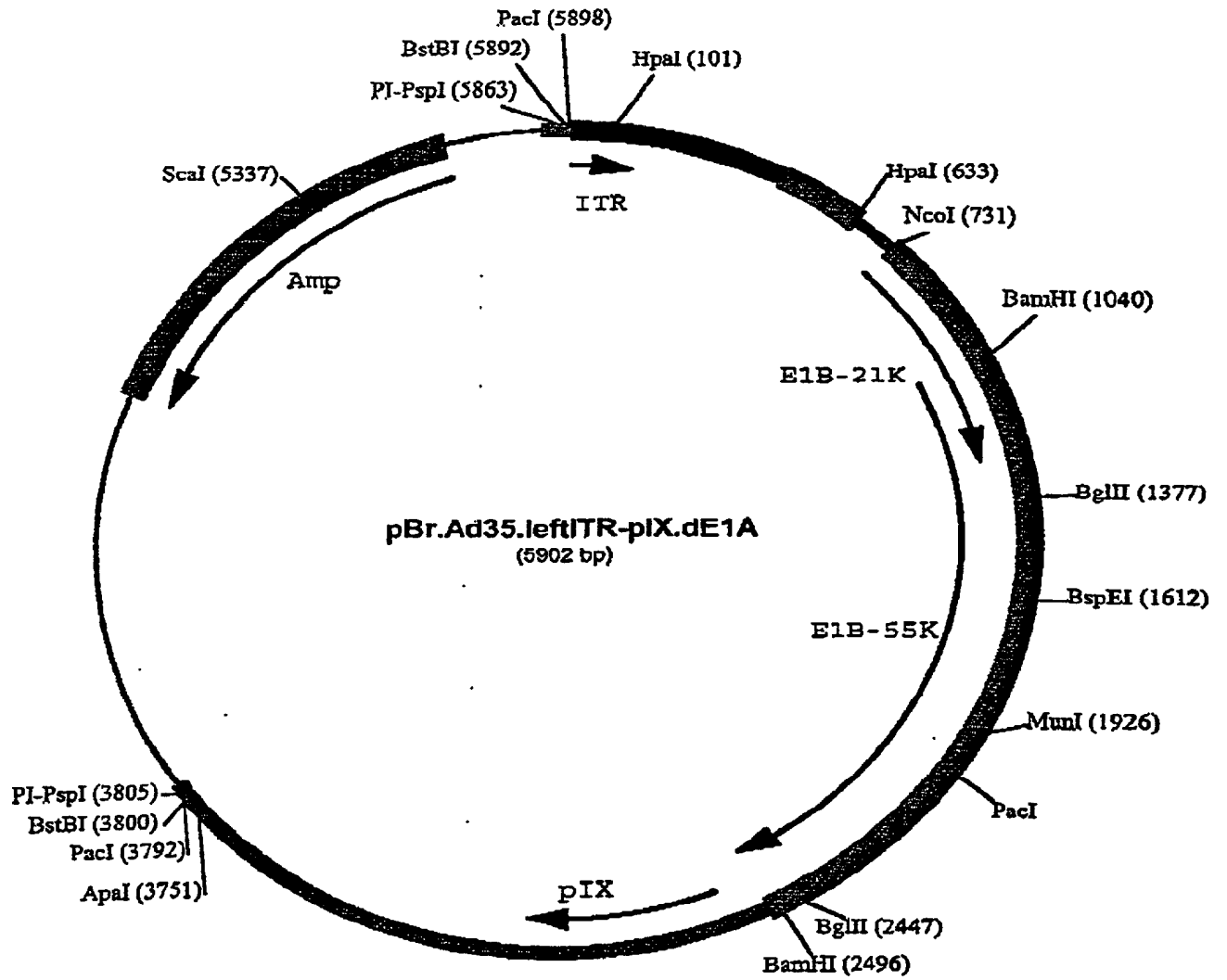


Figure 18

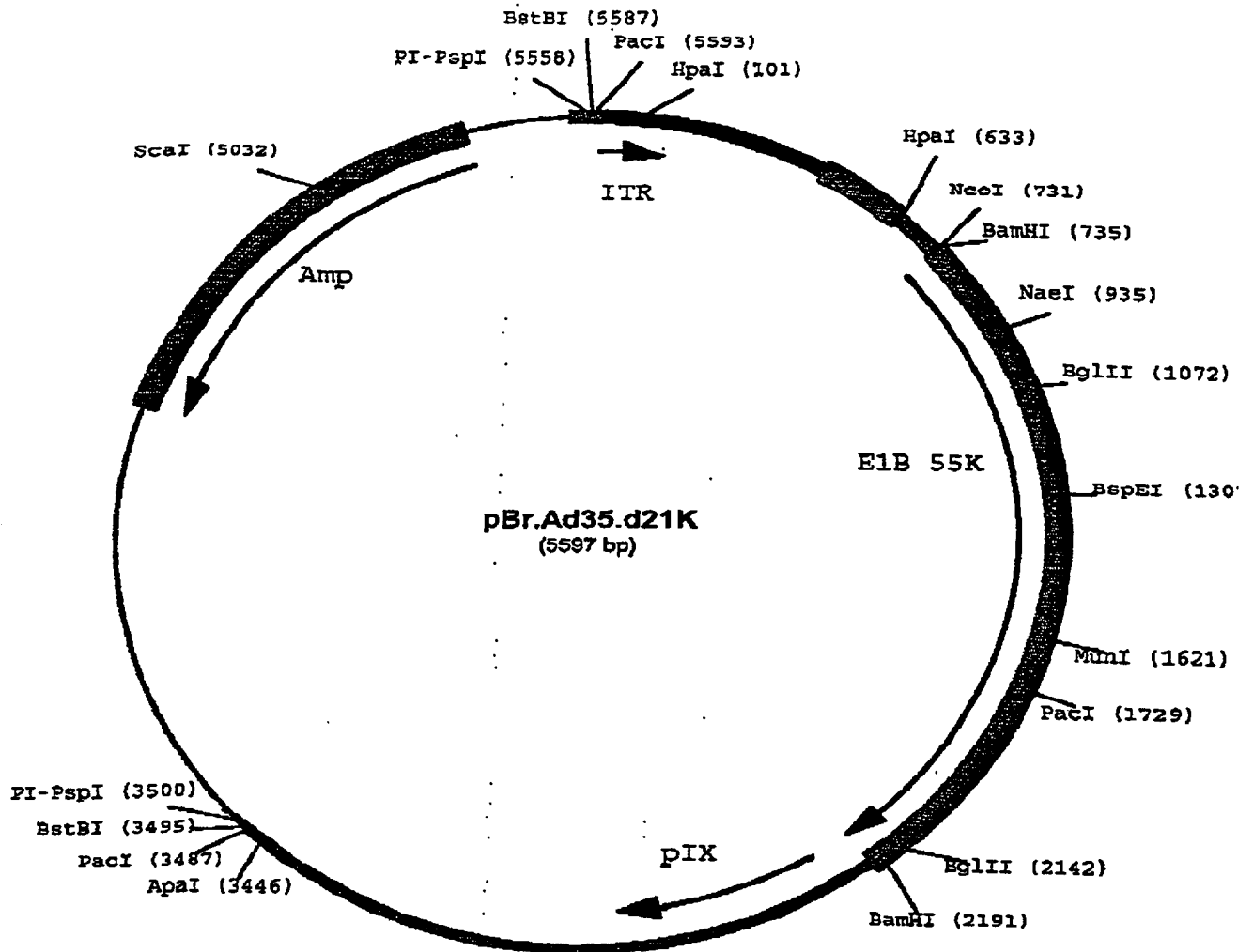


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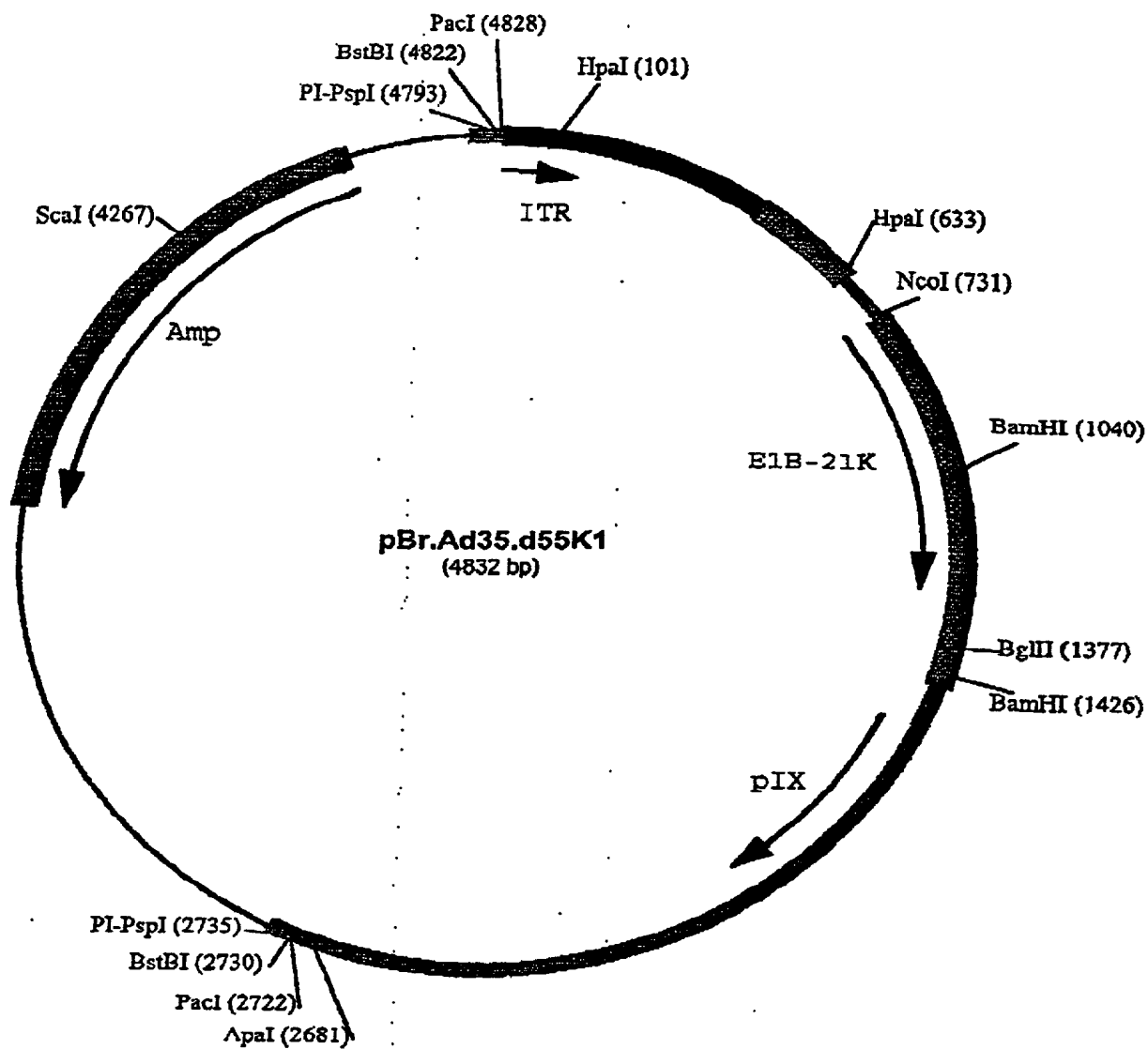


Figure 20

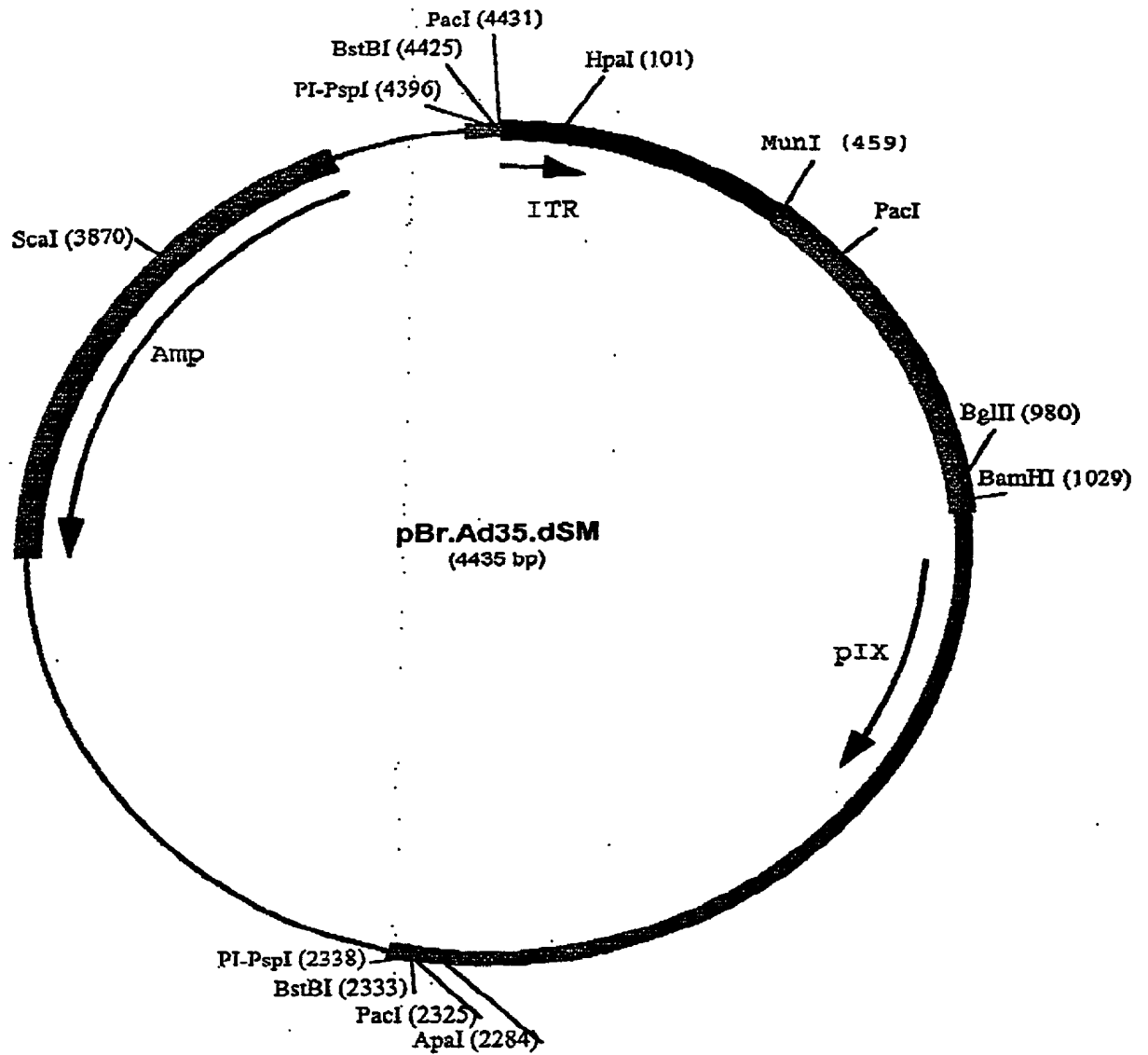


Figure 21

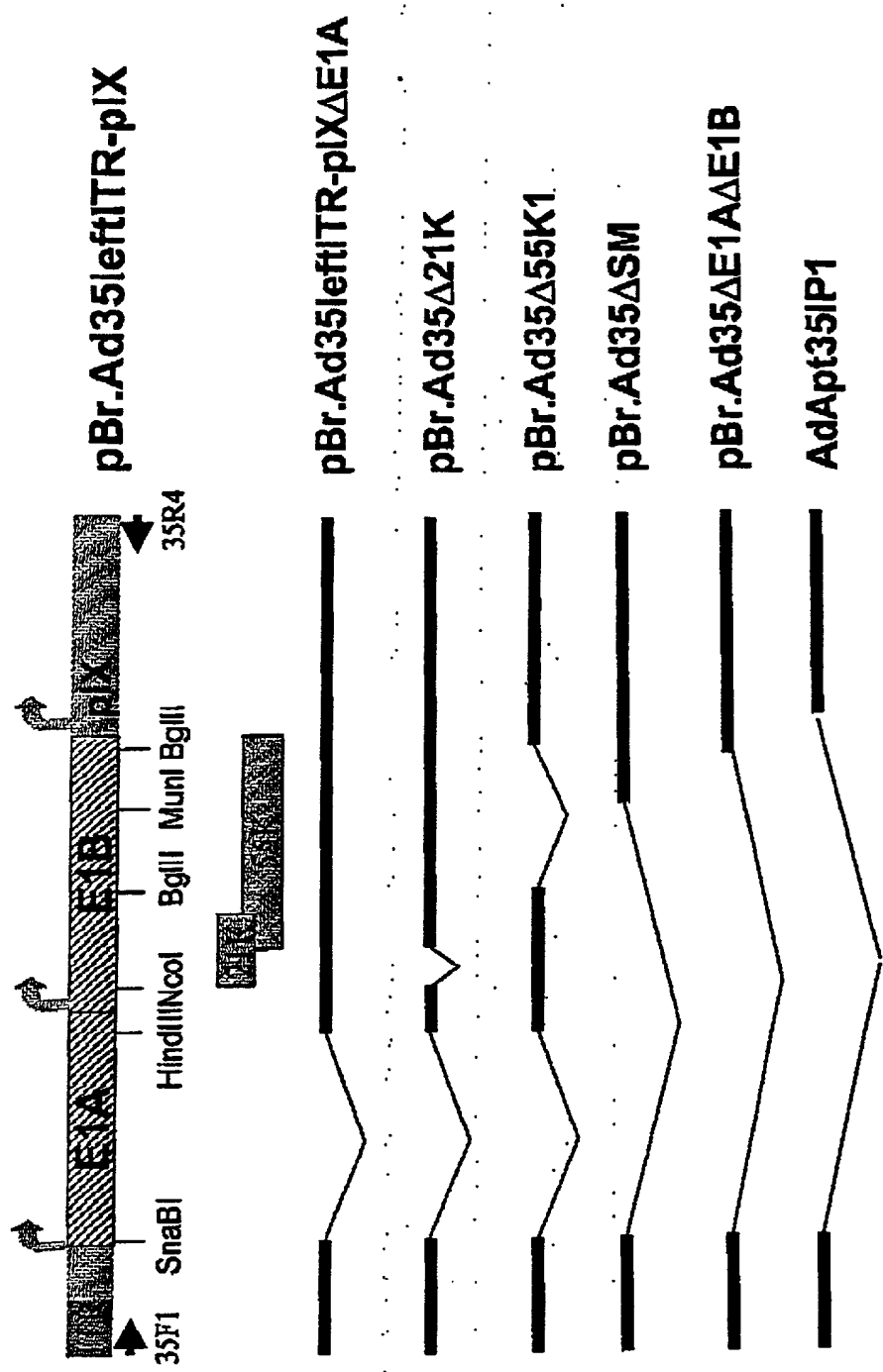


Figure 22

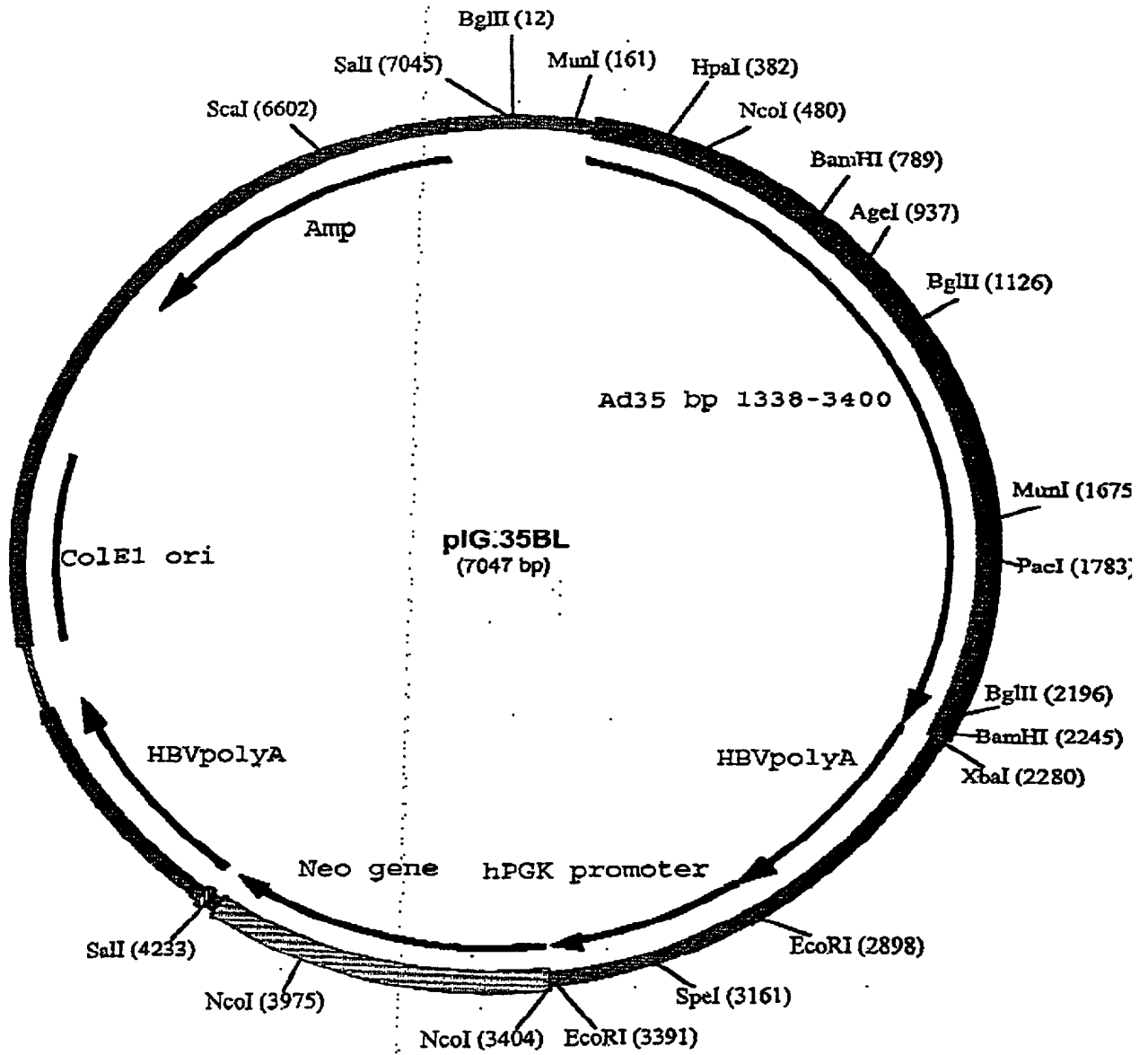


Figure 23

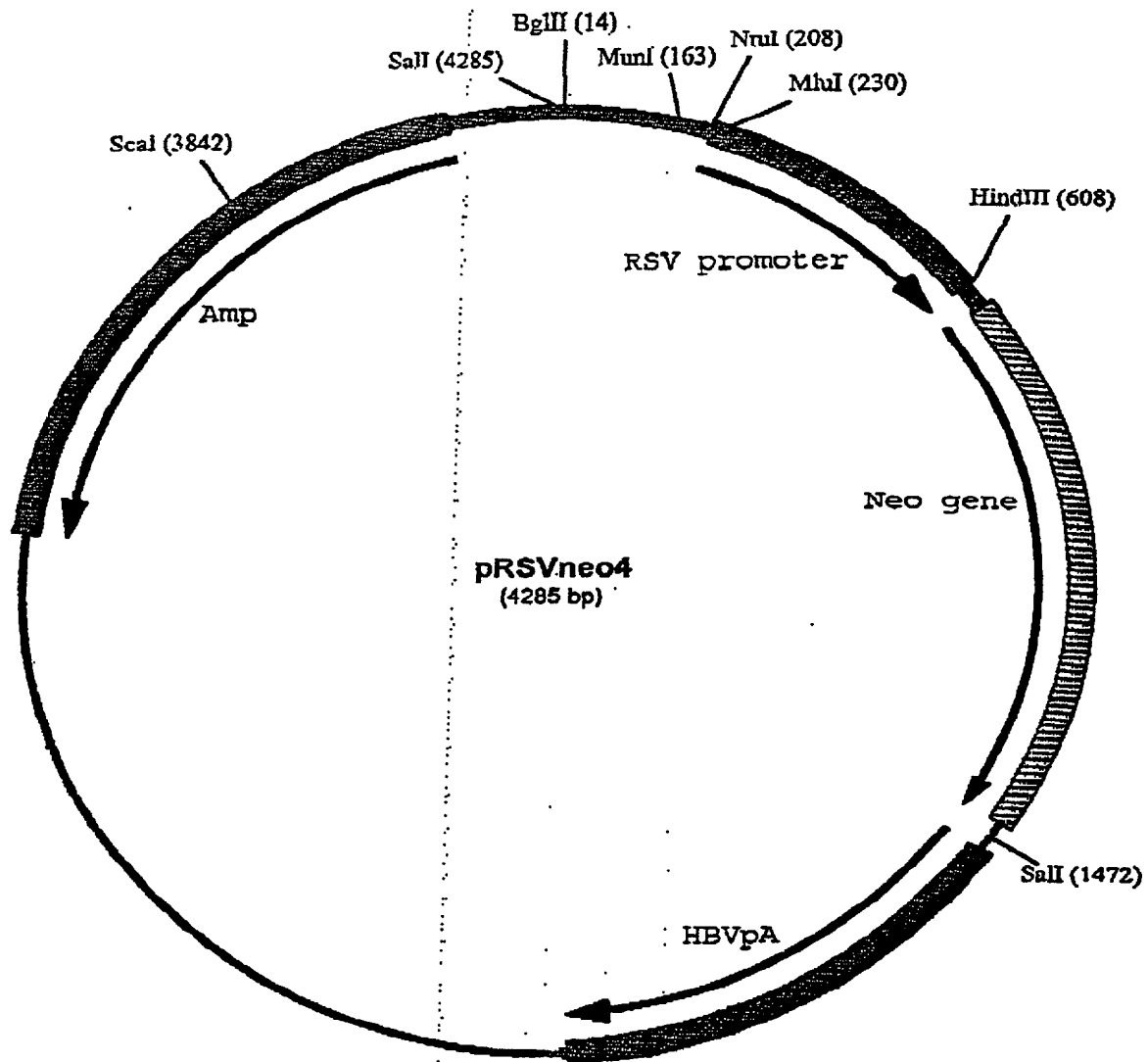
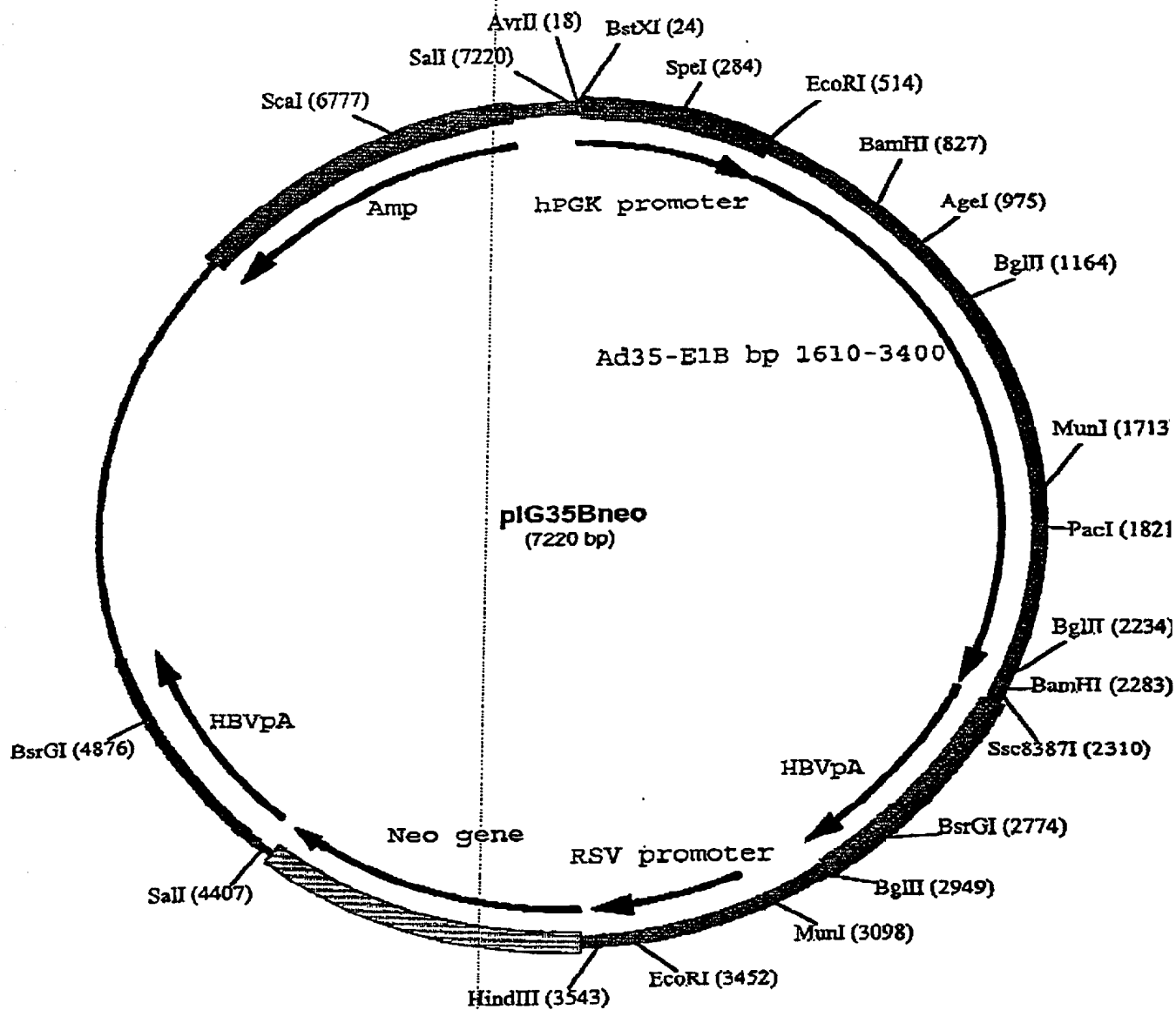


Figure 24



10002750 11501

Figure 25

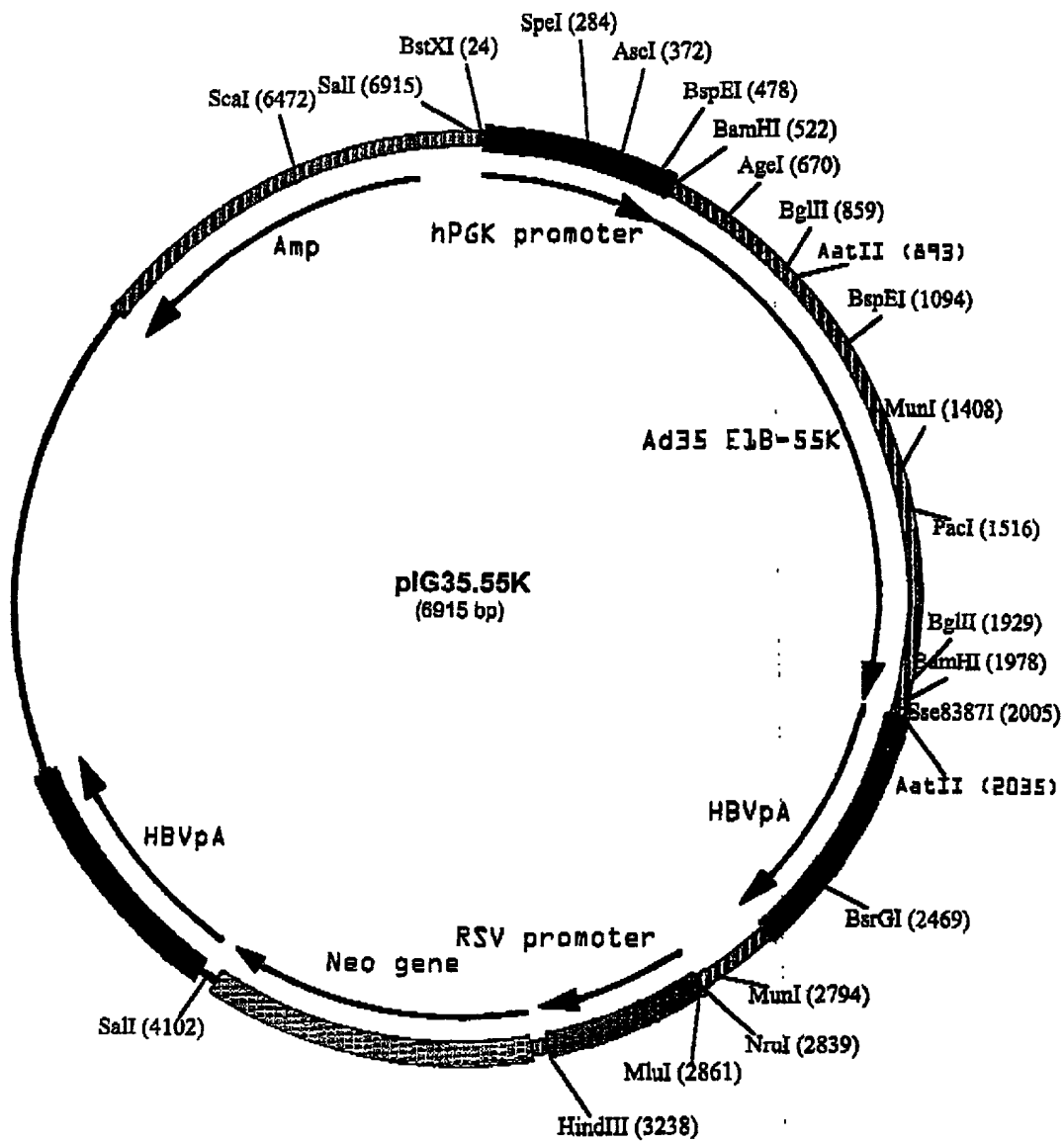


Figure 26

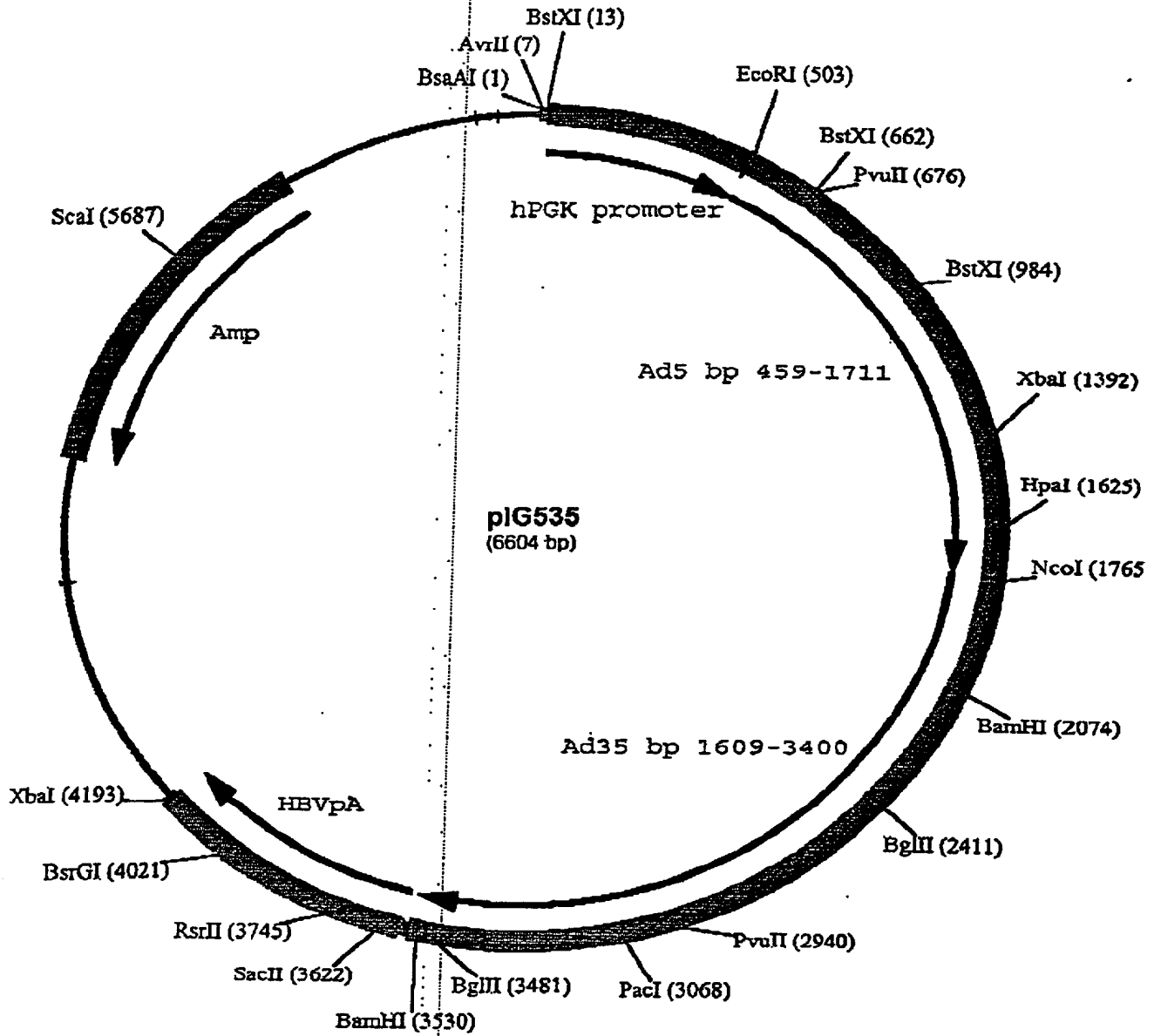


Figure 27

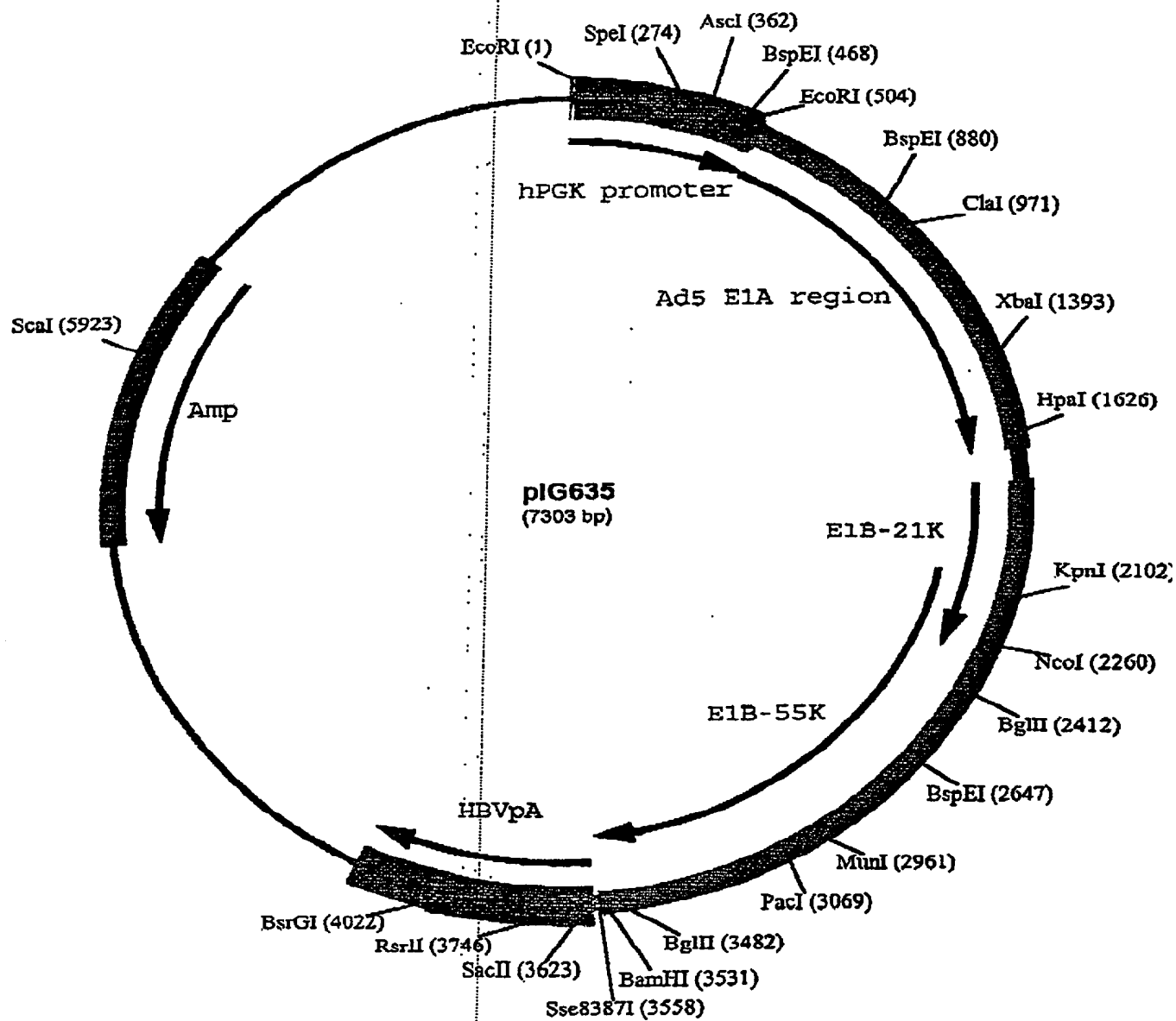


Figure 28

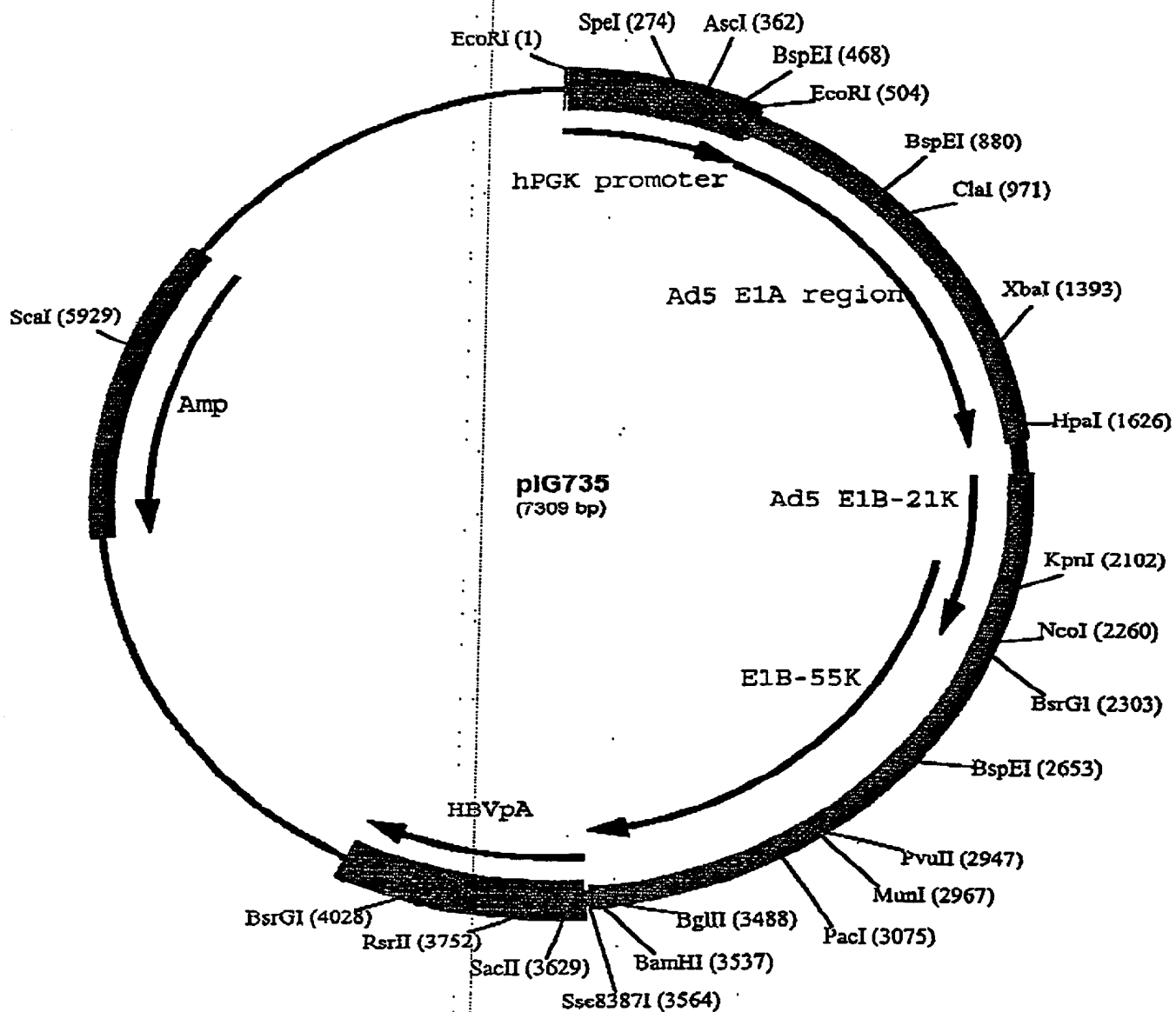
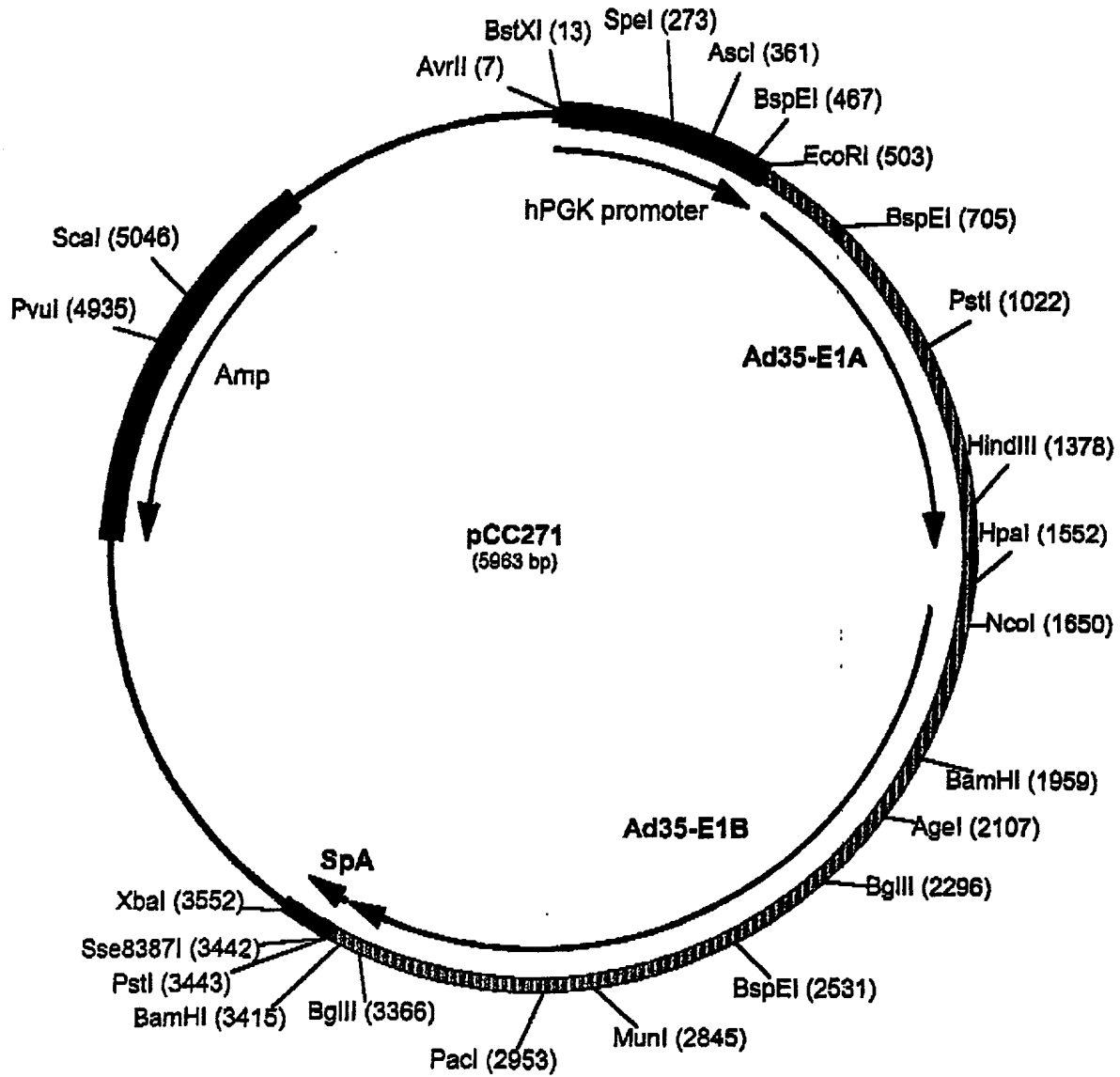


Figure 29



1000250.11501

Figure 30

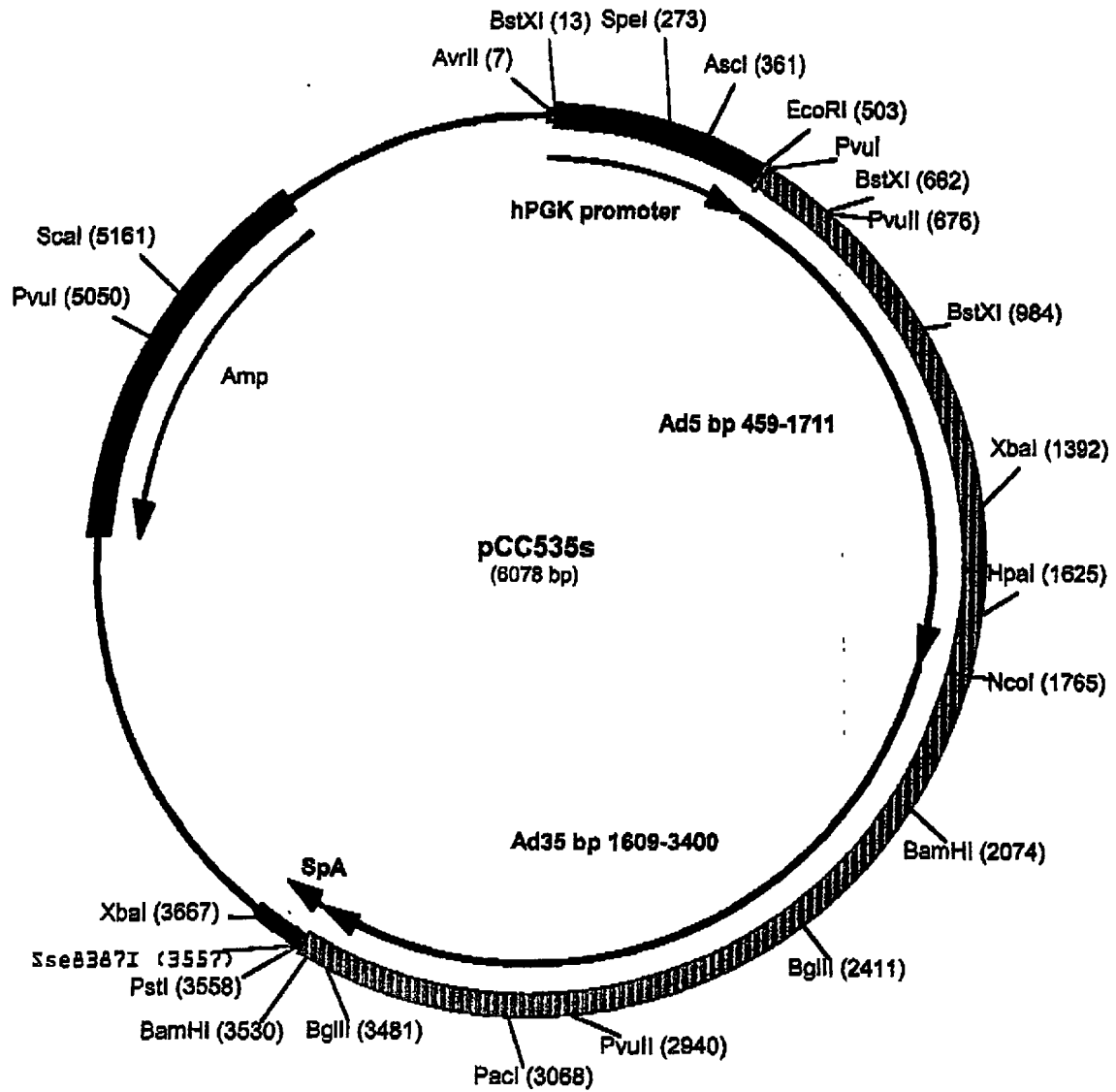
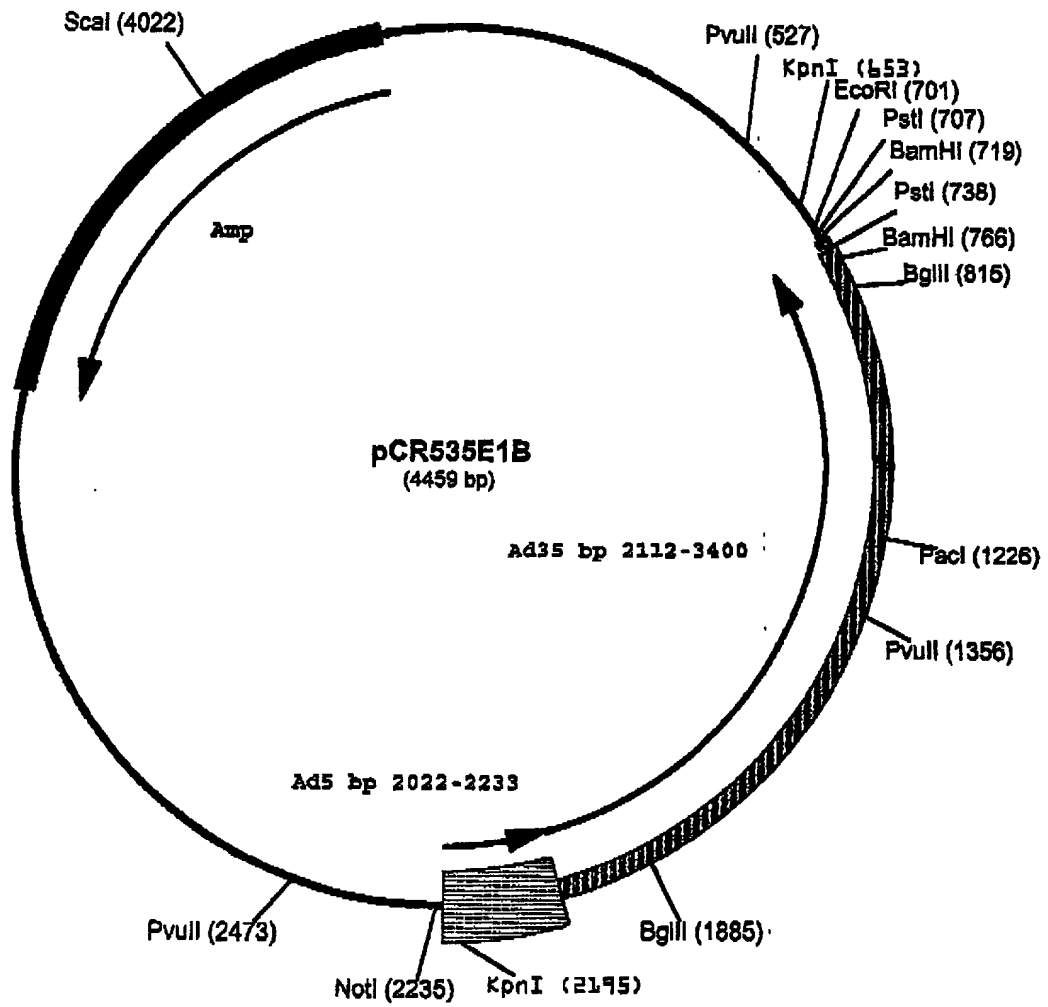
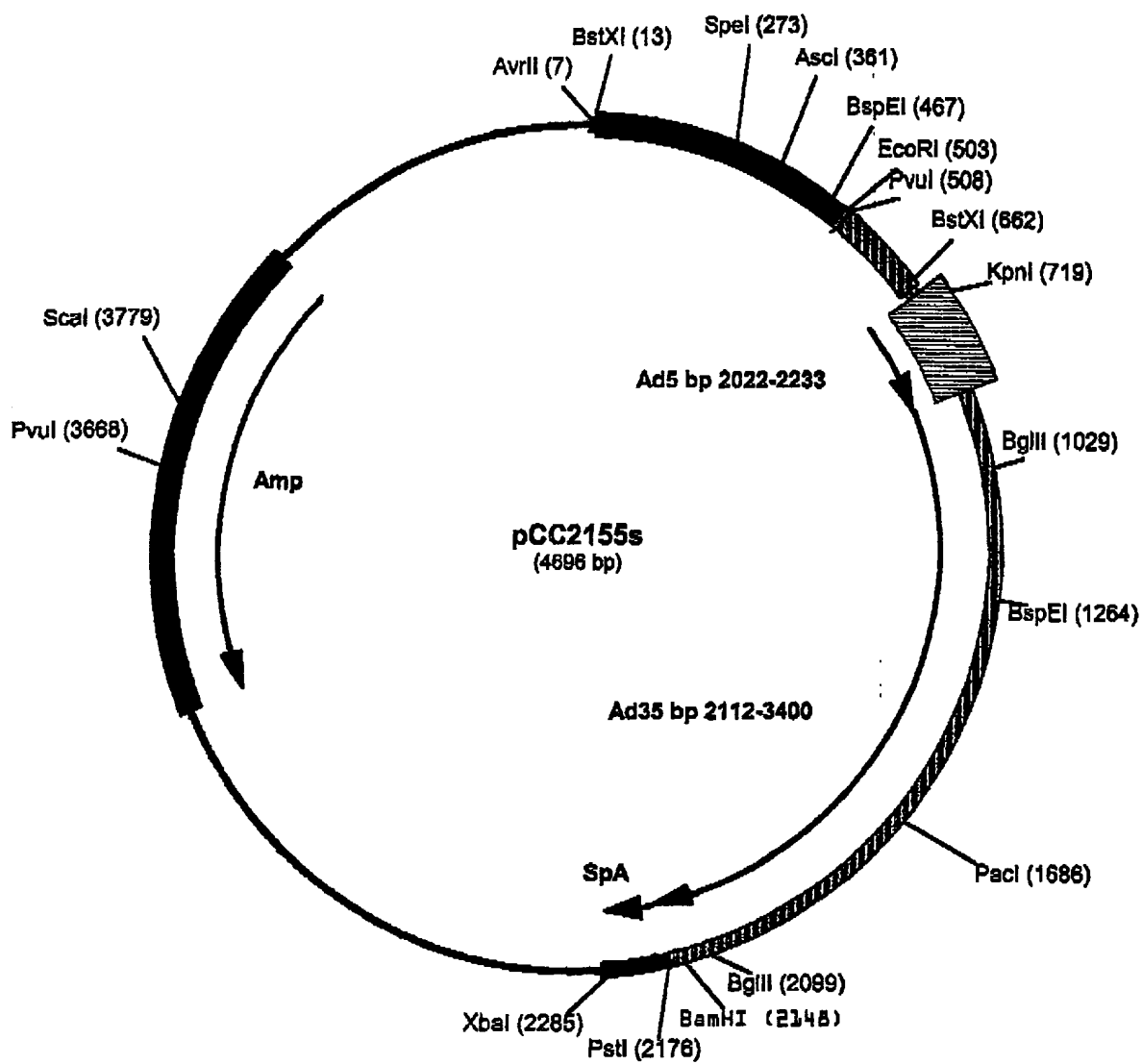


Figure 31



10002750 11001
T05FF 05/2000

Figure 32



1000250 11501

Figure 33

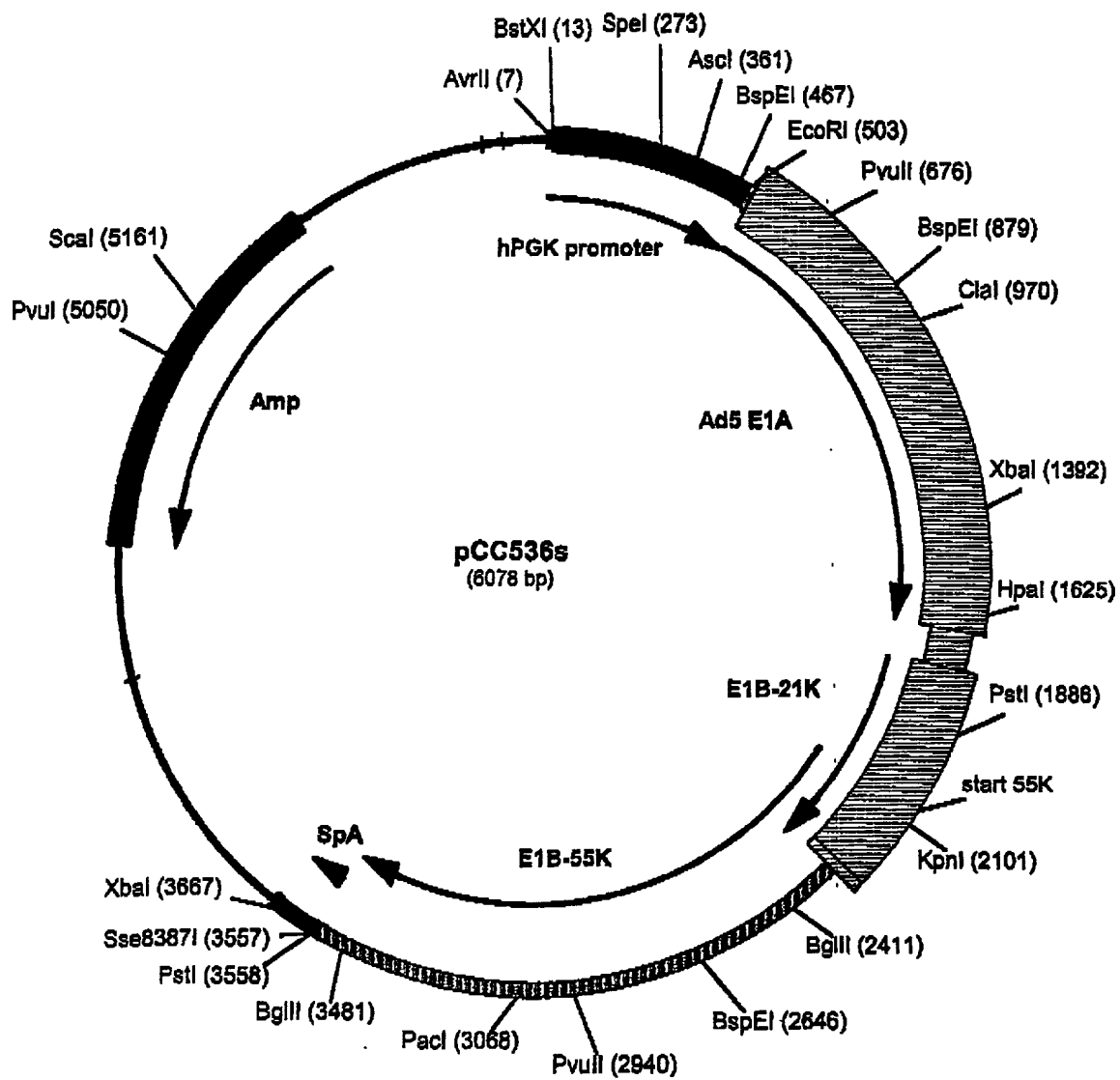


Figure 34

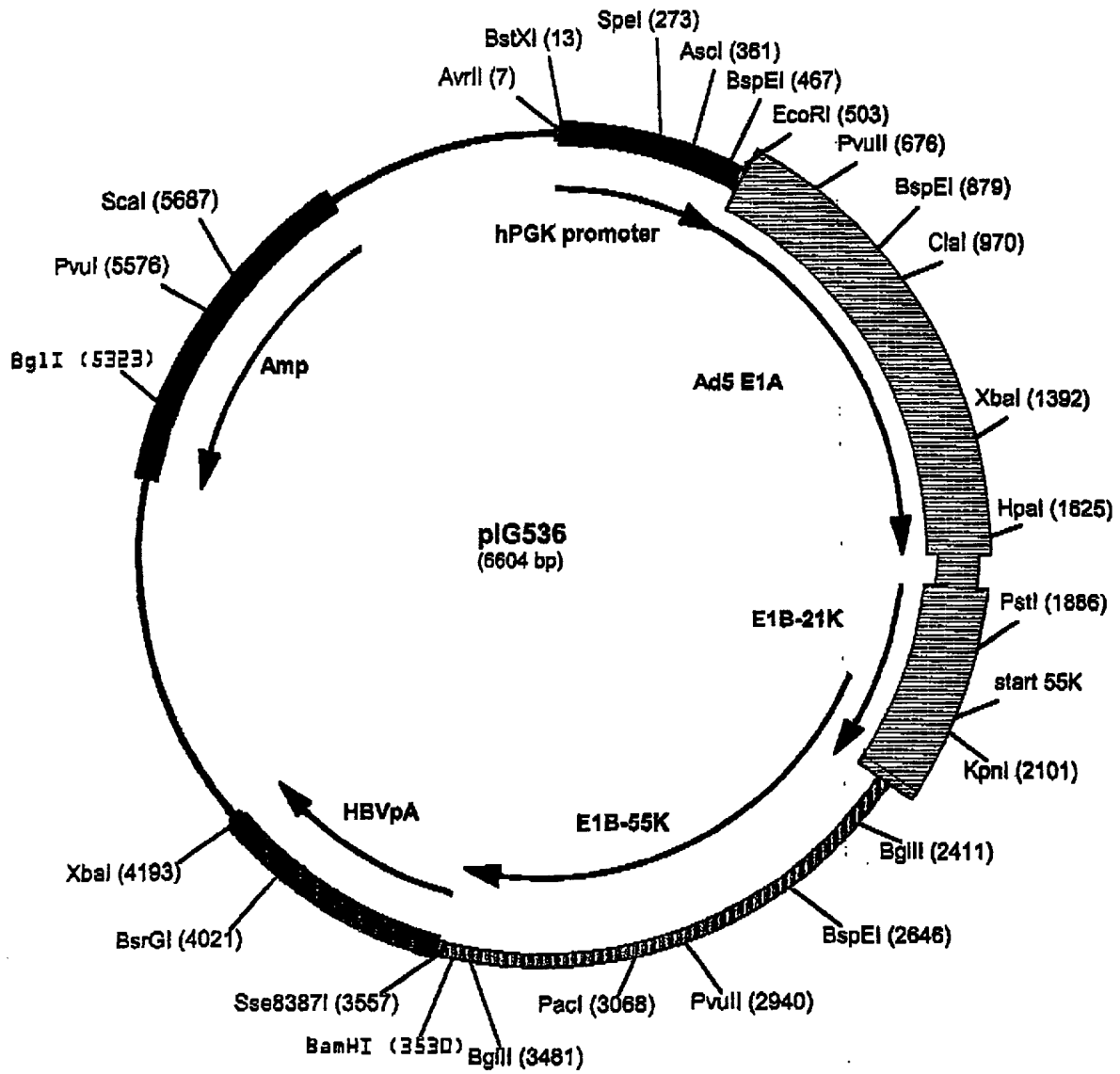


Figure 35

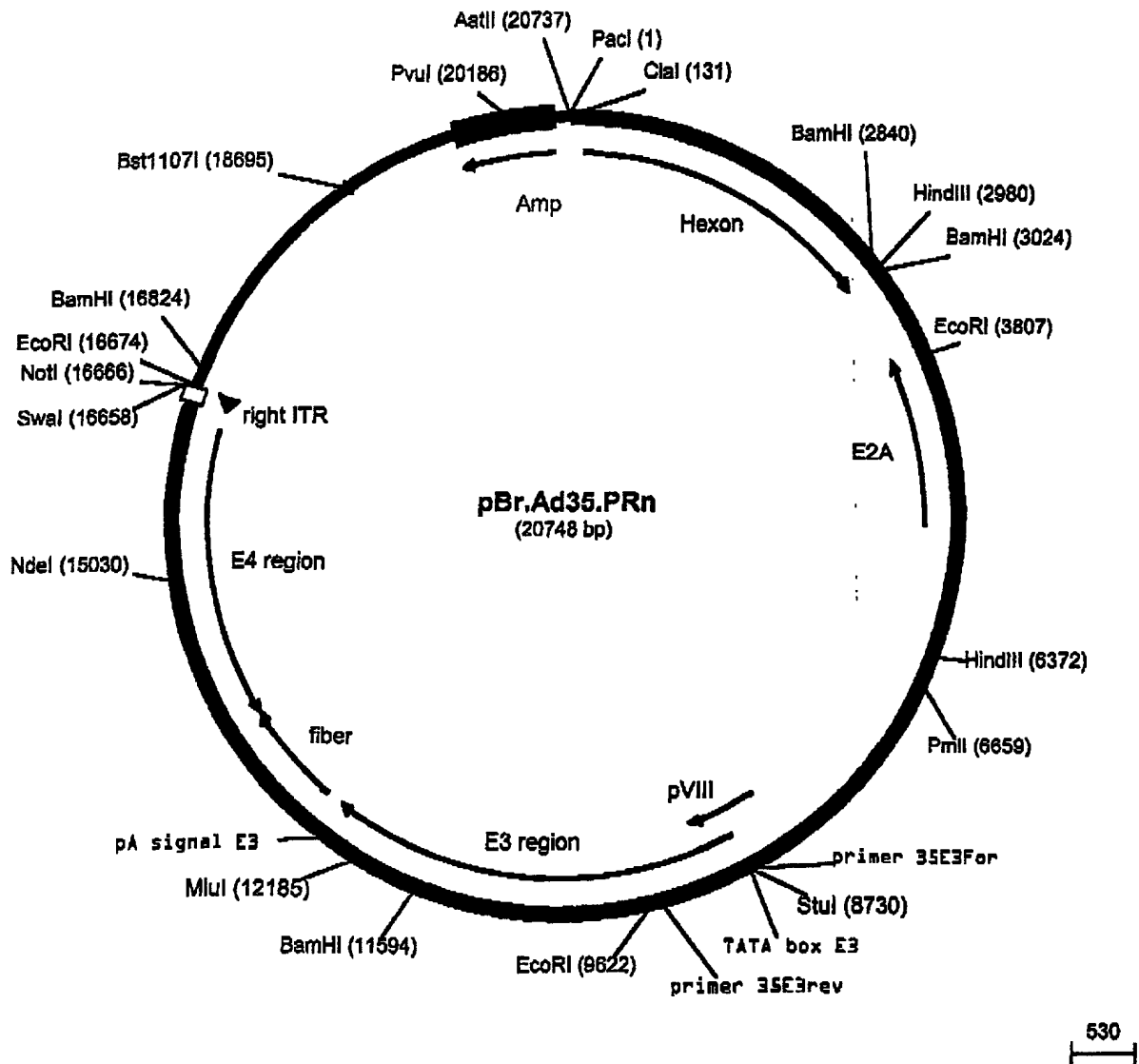


Figure 36

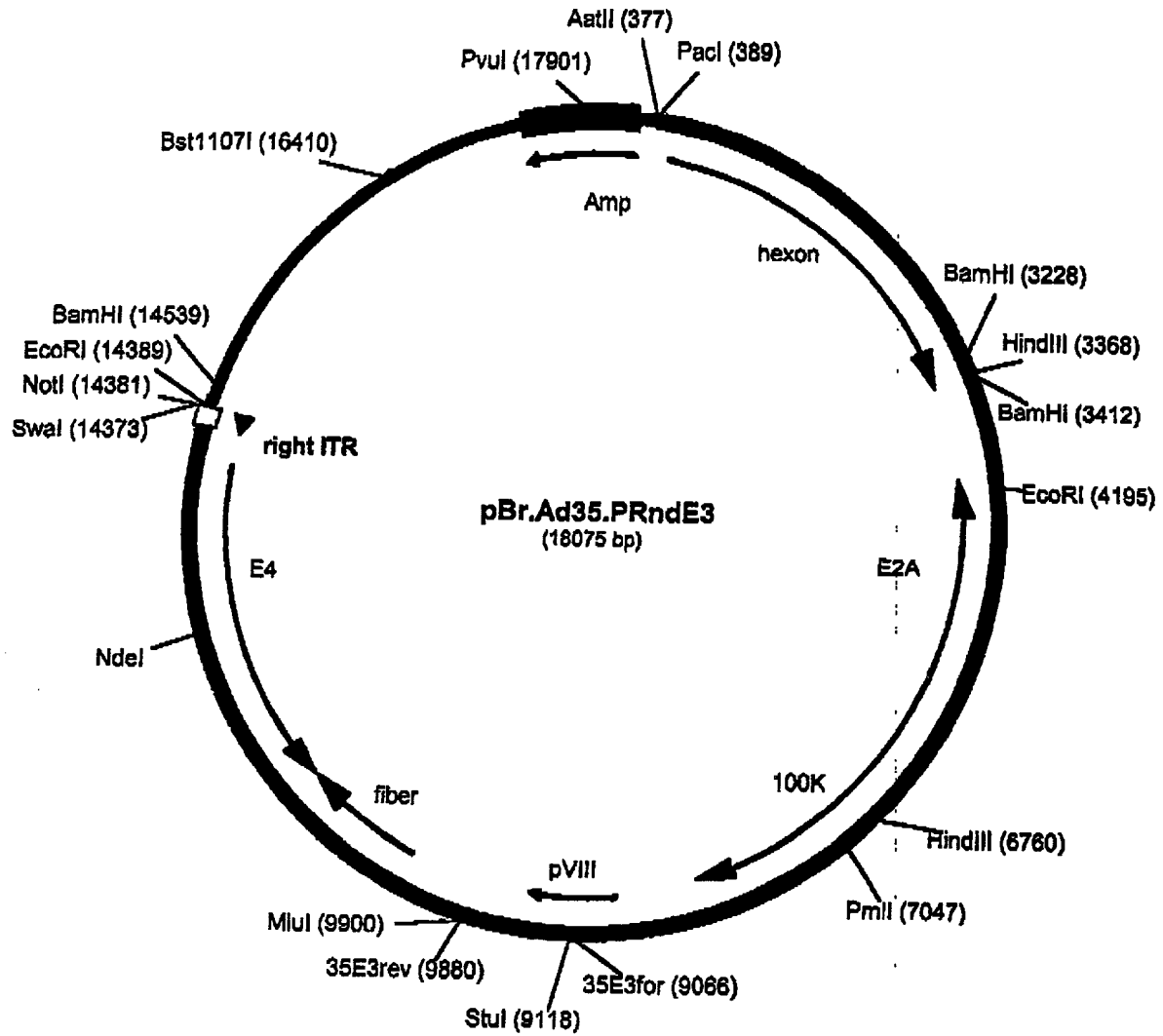
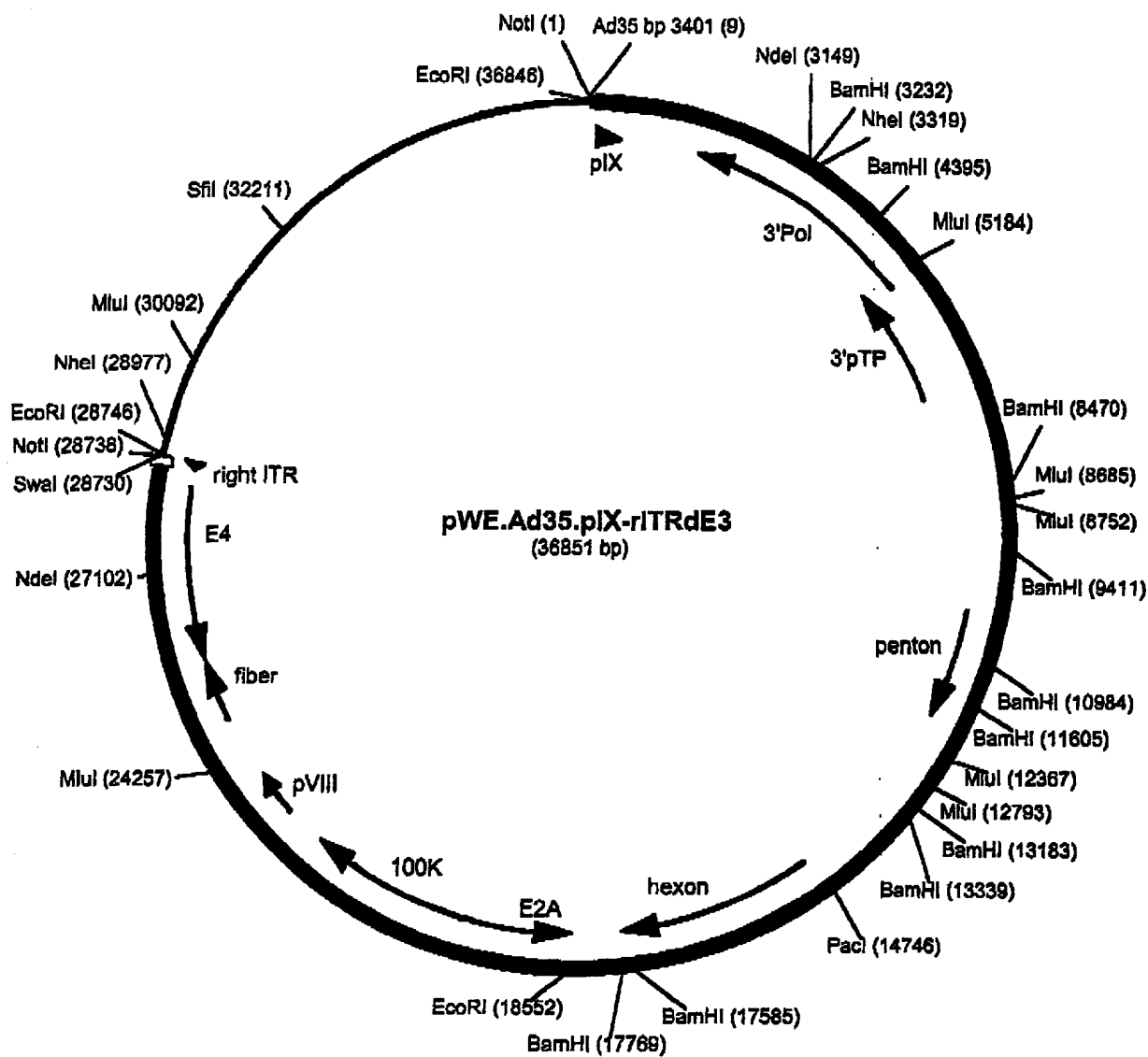
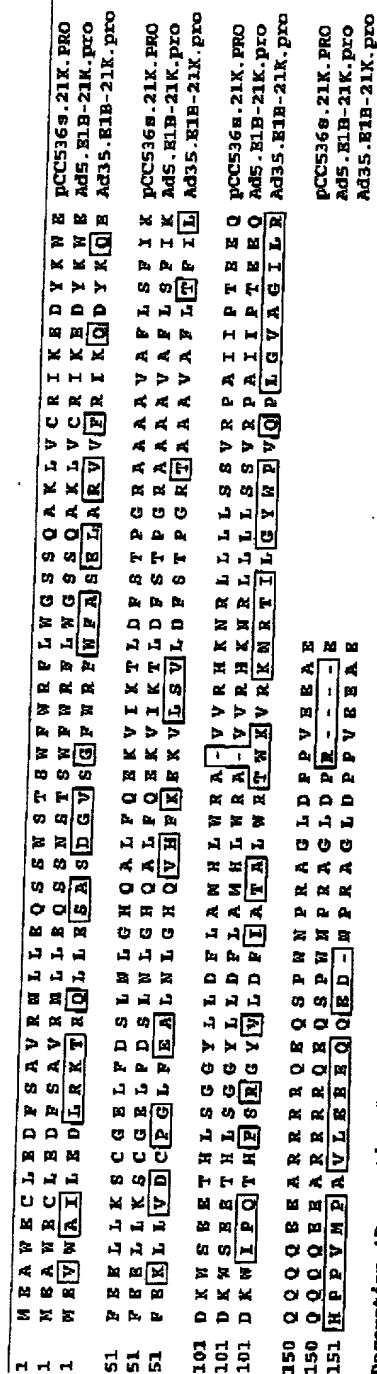
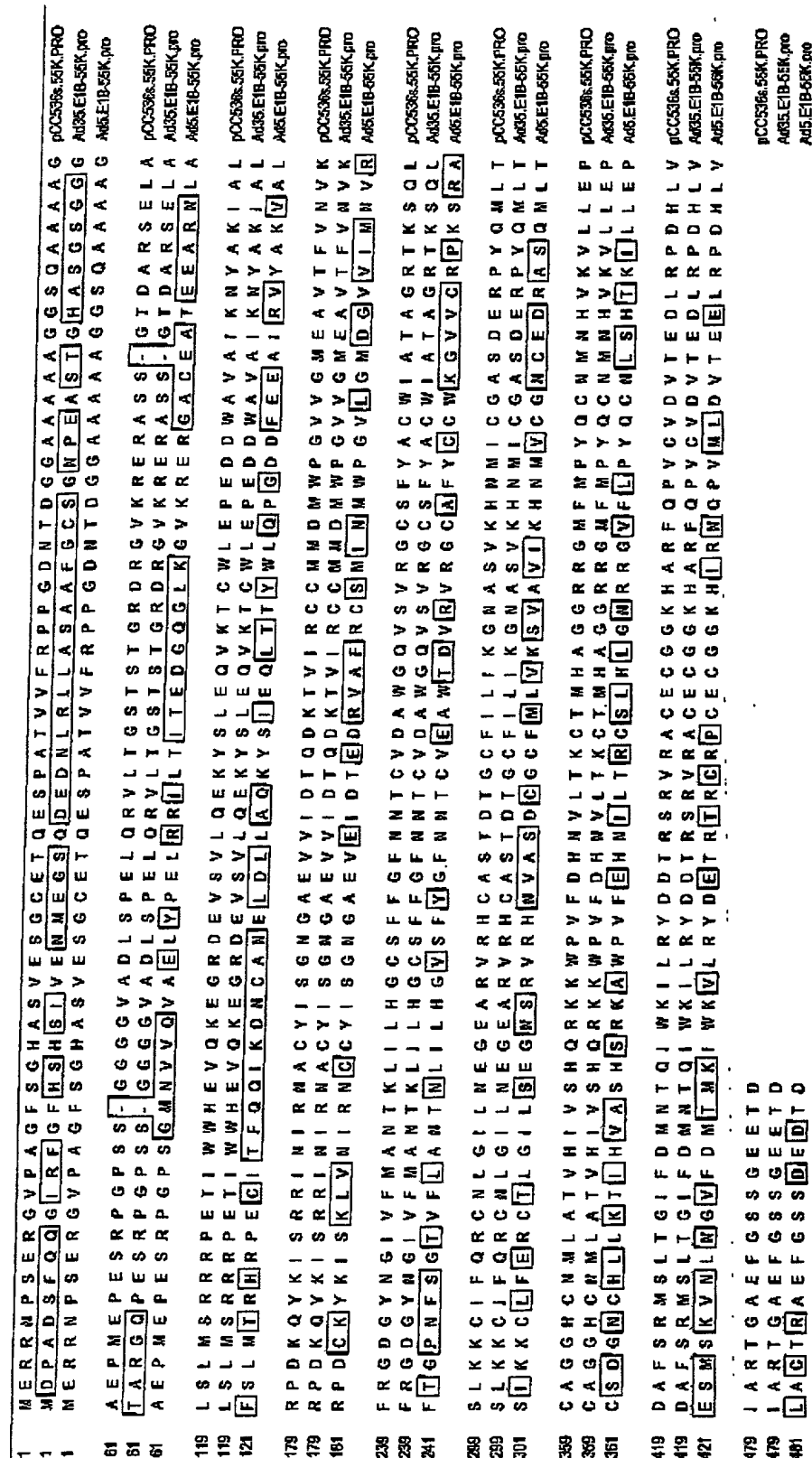


Figure 37





Decoration 'Decoration #1': Box residues that differ from the Consensus.



Decorations "Decorations #1": Box residues that differ from POC6388.55K.FRD.